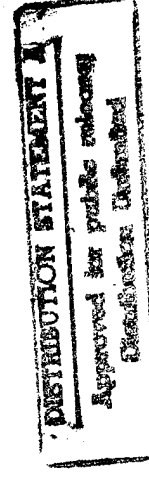
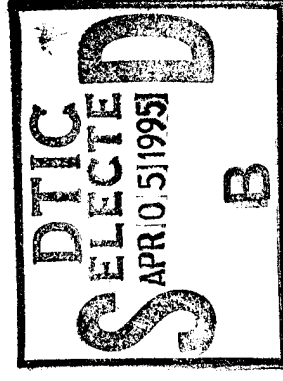


DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK
1996/97 BUDGET ESTIMATES
FEBRUARY 1995



19950403 063



AIRCRAFT PROCUREMENT, AIR FORCE
VOLUME II

DTIC Selected for Distribution

OPR: SAF/FMB

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SECTION 1
P-1M MODIFICATION SUMMARY

UNCLASSIFIED
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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

MOD
AIR CRAFT CLASS NR

MODIFICATION TITLE

		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
B-2	P												
	110001		6.9	10.3	.4	.5	.4						18.5
	110002		.4	.2	.1								.7
	110003			2.3	2.1	3.1							7.5
	110004												.3
	110005	2.0	14.7	.2	.2	.2	.2						17.5
	110006		29.3	.9	.9	1.2	.9						33.2
	110008	8.9	7.6	.3	.3	.4	.3						17.8
	110010	4.2		.2	.2								4.6
	110011							7.7	7.7	1.1			16.5
	3150	6.4	4.5	1.4	.9								13.2
	99999U	.4		1.0			.1						2.9
	99999X	.6	.6	.5	.5	.7	2.7						5.0
		21.9	64.0	17.3	5.6	6.1	4.6	7.7	7.7	1.1			137.7
	CLASS P												
	TOTAL FOR B-2												
		21.9	64.0	17.3	5.6	6.1	4.6	7.7	7.7	1.1			137.7

TOTAL FOR B-2

95/02/21 1742

MOD
CRAFT CLASS NR

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET														
MOD CRAFT CLASS NR		MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
B-1	P-S	10407A AFT DC POWER UPGRADE	14.4	3.9	7.0	7.1	6.8	5.0	1.1					45.3
		10414A OVERWING FAIRING FIRE PRE												154.5
CLASS P-S TOTAL FOR B-1			14.4	3.9	7.0	7.1	6.8	5.0	1.1					199.8
P	3150-R	NAVSTAR GPS - COMM UPGRAD												146.6
	4252	AVIONICS COMPUTERS			3.5	44.6	66.1	14.5	17.9	10.1	26.3	30.9	35.9	122.8
	4253	JDAM/1760 CONVENTIONAL EN			6.0			42.4	36.8					85.2
	4256	ECM UPGRADE PROGRAM												662.9
	4295	FLAP/SLAT CONTROLLER				9.9								9.9
	4296	SPOILER CONTROL				3.1	5.2	5.2						13.5
	4298	GENERATOR CONTROL UNIT RE			1.7	12.0	1.2							14.9
	4300	CONVENTIONAL BOMB MODULE		10.3	13.2	1.4								24.9
	49502B	IMPROVED ENGINE WEAR RESI		6.9	5.4									2.2
	5047	SIMULATOR UPDATES	10.5						12.5	9.8	19.2			25.4
	5048	WIND CORRECTED MUNITIONS				1.6	2.0		3.7	.4	.2			41.5
	5049	BAND 5 AFT TRANSMITTER HV					.5		.5					7.9
	5050	BAND 8 BEAM STEERING				.3	2.9	1.4						1.0
	5051	INTERFEROMETER RCVR BAND			2.0	4.0	4.0							4.6
	5052	WAVEFORM GENERATOR EEPROM		10.9	18.0	22.4	14.3	4.4	4.4					10.0
82U800	1122 IMPROVEMENT				13.2	1.3	6.6	5.8	1.5				92.6	
99999X	LOW COST MODIFICATIONS												28.4	
T4251C	LANCER 101C	4.1	6.7	6.1	1.0	4.9	1.8						30.6	
T4251D	LANCER 101D		1.6	12.5	8.3	5.1	.8	.9					29.1	
T4251E	LANCER 101E				5.0								11.8	
CLASS P TOTAL FOR B-1			14.6	36.4	68.4	126.8	107.5	100.9	74.3	21.6	56.4	195.2	523.6	1365.8
TOTAL FOR B-1			29.0	40.3	75.4	133.9	114.3	105.9	75.4	21.6	56.4	195.2	523.6	1565.6

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742
AIR MOD
CRAFT CLASS NR

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET														
95/02/21 1742 AIR MOD CRAFT CLASS NR		MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
B-52	P-S 99999A	LOW COST SAFETY MODIFICAT					.3	1.9	1.9	1.9				6.0
		CLASS P-S TOTAL FOR B-52					.3	1.9	1.9	1.9				6.0
P	14304B	STD FLT DATA REC		2.8	.2									3.0
	18501B	WST BLOCK I UPDATE												28.3
	3116	VLF/LF MINIATURE RECEIVE	.3											36.8
	3145	ALQ-172 ECM	4.3											721.1
	3150	NAVSTAR GPS	11.1	5.1	1.9	.2	.8							29.8
	3263	INTEGRATED CONV STORES MG	14.9	11.6	.7	.3	2.2	12.3	3.0					70.7
	3264	ELECTRO-OPTICAL VIEWING S						7.3	2.3	2.5				12.1
	3308	VINSON	.3					.6	.3					2.8
	3375A	HAVE NAP-B52H	5.0	5.1					.3					14.4
	4222	ARC-210 RADIO	.6											15.8
	4257	B-52H DEFENSIVE FIRE CONT		.9										2.3
	4258	HARPOON		3.8	.9									4.7
	4259	UNIVERSAL BOMBAY ADAPTER	.9											.9
	4260	JOINT DIRECT ATTACK MUNIT					9.1							9.1
	4270	ECM IMPROVEMENT					4.7	22.1	31.3	30.3	3.1			91.5
	4271	GPS TACAN					8.1	12.9	7.7	1.5				34.0
	4272	WIND CORRECTED MUNITIONS					4.6	2.0						6.6
	49203B	HIGH RELIABILITY BATTERY												9.3
	99999X	LOW COST MODIFICATIONS		.9	1.2	1.1	1.7	1.8	1.9	1.9				10.7
	Z88888	REPROGRAMMINGS		3.1										3.1
		CLASS P TOTAL FOR B-52	37.4	33.3	4.9	10.0	26.6	63.6	46.8	36.2	3.1			1107.0
		TOTAL FOR B-52	37.4	33.3	4.9	10.0	26.9	65.5	48.7	38.1	3.1			1113.0

95/02/21 1742

AIR MOD
CRAFT CLASS NR

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

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MODIFICATION TITLE		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
F-117 P-S 99999A LOW COST SAFETY MODIFICAT													
CLASS P-S TOTAL FOR F-117													
P	11324 PLATY BRICK/BLOCK REPLACE			8.2	2.0	.3							10.5
	11326 AP-102 COMPUTER MEMORY EX	5.9	1.9	4.9	4.4	4.2	2.4	.1					29.9
	11330 LONGTERM MDPS UPGRADE TO		4.1	1.1									5.2
	11331 MIL-STD-1760 INTERFACE IM					.3	5.6	2.9	2.6	2.6	1.8	.4	15.9
	11332 HIGH TEMPERATURE EDGES	3.6	2.3	5.9	5.1								18.2
	11333 CMS UPGRADE TO AFMSS					4.7	5.0	4.6	3.6	2.6	2.6	4.6	13.4
	11335 LEADING EDGE LOW FREQ RCS			11.6	17.5	10.4	5.6	.6	4.6	2.8	.6		22.3
	3150 NAVSTAR GPS			.4									45.7
	31901 20D15 EXHAUST AREA PROTECT												.4
	31902 APEX FORMATION LIGHT			1.9	1.9	1.5							.2
	31904 STEEL COMPRESSOR CASE												5.3
	31907 PARKING BRAKE SWITCH												.5
	31911 PITOT-RADAR CROSS SECTION	.3	.7	.9	.5	.1							3.2
	31913 2000 HOUR COATING			.3	.2	.3							3.5
	31918 LOW OBSERVABLE UHF ANTENN												27.2
	31919 LOW OBSERVABLE IFF ANTENN												22.8
	31922 HI-PRESSURE-TURBINE COOLI					.9	1.1	1.2	1.6	4.2	5.3	17.7	4.8
	31924 TORQUER/DRIVER IMPROVEMEN									4.2	4.5	14.1	1.9
	31927 OMNIBUS ENGINE MODIFICATI			.4	.9	.7	.4						2.4
	31929 ICING DETECTION AND PROTE	.4	1.3	1.4	.9	.1							5.3
	31932 CMDS INTENSITY AND GLARE												.9
	31934 CREW EMERGENCY ESCAPE SYS												.8
	31936 REPLACE LIFE-LIMITED SKIN					1.3	11.0	10.5	12.7	12.8	11.7	9.2	58.4
	31937 RADAR ABSORBING MATERIAL			2.3	1.3	1.9	.3		5.6	6.0			34.4
	31938 CONTROL DISPLAY UNIT REPL												5.8
	31941 FLIR SCREEN IMPROVEMENT P					.9	1.0	1.0	1.0	.8	.1		4.8
	31942 OZONE DEPLETING CHEMICAL			1.2		1.1	1.1	1.2	1.2	.8	.2		6.8
	31943 TECHNOLOGY ITEM USE REDUC												2.3
	31944 TARGET AREA PLANNING REHO												.3
	31945 BLEED AIR FIRE WARNING RE			2.5	2.1	6.1							2.1
	31957 LO OBSERVABLE UHF ANTENNA			2.6	3.3	3.3							10.7
	99999S SERVICE BULLETINS			1.9	.5	.5							9.2
	99999U LOW COST RETROFIT MODS	1.2	.5						.5	1.9			6.8
	99999X LOW COST MODIFICATIONS	.4											.4
	288888 REPROGRAMMINGS												
CLASS P TOTAL FOR F-117		11.8	10.8	47.1	39.6	38.8	35.0	33.3	33.4	38.7	26.8	46.0	383.0
TOTAL FOR F-117		11.8	11.1	47.7	39.6	39.9	35.0	33.8	33.4	38.7	26.8	46.0	385.5

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
A-10	P-S 999999A LOW COST SAFETY MODIFICAT		.6	.3	.4	.5	1.8	1.8	.9				6.3
	CLASS P-S TOTAL FOR A-10		.6	.3	.4	.5	1.8	1.8	.9				6.3
P	18202B TF34 AGB LIFE IMPROVEMENT		.2	2.0	2.3	2.2	2.2	2.0	2.4				13.3
	3150 NAVSTAR GPS	6.8	25.8	27.5	22.3	12.4	8.6	5.5	.7				131.3
	31801B OFF REVISION 4.O. A/OA-AO												3.5
	3301 LOW ALTITUDE SAFETY & TAR		.7	.4		2.4	3.5	3.5	2.3	.4			97.5
	3429 A/B SINGARS AJ COMM	6.9	19.5	18.6	14.5	8.5	3.8	3.7	.5	23.0	26.0	27.0	13.2
	3441 IDM							1.1	1.8	2.5	1.1	.7	76.0
	6029 AVIONICS UPGRADE												7.2
	7091 TACTICAL AIRCRAFT MISSILE	14.4	7.1	8.1	4.6	.6							34.8
	7092 NIGHT VISION IMAGING SYST			22.5									22.5
	7093 REGENERATION OF A-10S	1.1											1.1
	7130 ACES II REDUNDANCY	.4	.1				1.9	1.9	.9				5.2
	99999X LOW COST MODIFICATIONS		-7.1										-7.1
	Z88888 REPROGRAMMINGS												
	CLASS P TOTAL FOR A-10	29.6	46.3	79.1	43.7	26.1	20.0	17.7	8.6	25.9	27.1	27.7	474.5
	TOTAL FOR A-10	29.6	46.9	79.4	44.1	26.6	21.8	19.5	9.5	25.9	27.1	27.7	480.8

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
F/RF-4 P	12540B	FORWARD UPPER ENGINE MOUN												4.3
	3219	EO-LOROPS		.2										40.0
	52087B	FUEL QTY INDICATOR												.1
	99999X	LOW COST MODIFICATIONS		1.4	.1	.1								2.0
		CLASS P TOTAL FOR F/RF-4		1.6	.1	.1								46.4
		TOTAL FOR F/RF-4		1.6	.1	.1								46.4

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AIR	MOD
CRAFT	NR
CLASS	

MODIFICATION TITLE

AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE
F-15	P-S 13639A	AFT ENGINE BAY FIRE DETEC

P	13642B	AN/APG-63 RADAR LRU UPD
	13647B	HIGH PRESSURE WATER SEPAR
	16628B	LANDING GEAR WIRING/SWITC
	16701B	WING FUEL TRANSFER PUMP
	17606B	STANDARD FLIGHT DATA RECO
	197400	ALR-56C
	197500	MSOGS
	27128B	ANTENNA BORESIGHT FIXTURE
	3150E	GPS
	3150M	NAVSTAR GPS
	3192	MSIP PROGRAM: C/D SERIES
	3192A	ALR-56C
	3192B	ALQ-135
	3192C	ALQ-135 P31
	3204	AN/AL-45 CHF/FLR DISPENS
	3316	JTIDS
	3437	COMBAT EDGE
	3446	AIRBORNE VIDEO TAPE RECOR
	6003	JFS EXHAUST DUCT
	6041	4TH BLADE OUTER SEAL
	6048	4TH ROBUST BLADE
	6052	2ND VANE INNER AIR SEAL
	6054	HYBRID NOZZLE COKING
	6055	4-7 BCN BLADE
	6065	TANGENTIAL OUTBOARD INDUCE
	6066	CIVV VANE ARM BOLT
	6069	VANE PASSAGE CASING
	6070	TUBE IMPROVEMENT
	6071	4TH DISK BRUSH SEAL
	6082	EDU COOLING TUBES
	64027B	FUEL HEAT RECIRCULATION
	64031B	INCREASED JFS HYD START E
	64081B	EJECTOR/VLV CABLE BUTTERF
	65042B	100/220 ENGINE INTERCHANG
	8049	APG-63 RADAR
	8051	ALR-56C RF CABLES
	8053	APG-70 LRU-038, 082 & 044
	8158	STICK GRIPS
	8164	DELETE LEAD COMPUTING GYR
	8232	UPGRADE OF PDM SE
	8239	ENHANCED ELECTRONIC BUS
	8249	IMPROVED HEADS UP DISPLAY
	8250	JTIDS ITR

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET														
95/02/21 1742 AIR CRAFT CLASS NR		MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
F-15 P		8251 VHSIC CARD	12.3		1.3	5.1	.6		15.0	14.0				21.3
		8265 PROGRAMMABLE ARMAMENT CON					9.0	17.0						55.0
		99999E MISC ENGINE UPDATE MODS					1.6	.6						5.1
		99999M MISC SIMULATOR UPDATES	.5				1.9	1.5	.3					5.4
		99999U LOW COST RETROFIT MODS	1.6				.1	.2	.1					13.0
		99999X LOW COST MODIFICATIONS	2.8	.4		.1	7.8	13.4	6.7	2.4	8.1	8.3	4.0	4.9
		SPU SECONDARY POWER UPGRADE							23.0	28.2				50.7
		T8237 DIGITAL MAP SYSTEM												51.2
		Z88888 REPROGRAMMINGS												.8
CLASS P TOTAL FOR F-15			263.4	184.1	78.0	142.3	241.2	316.6	308.7	313.4	220.1	69.1	15.3	3406.2
TOTAL FOR F-15			264.9	184.9	79.4	143.1	241.2	316.6	308.7	313.4	220.1	69.1	15.3	3423.1

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

MOD
AIR CRAFT CLASS NR

MODIFICATION TITLE

TOTAL
PROGRAM

COST
TO GO

FY-03

FY-02

FY-01

FY-00

FY-99

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

FY-92

FY-91

FY-90

FY-89

FY-88

FY-87

FY-86

FY-85

F-16 P-S 10501A F100-PW-220/220E INTERCHA
18503A WING BEEF-UP
19203A F100-220E ENGINE UPGRADE
99999A LOW COST SAFETY MODIFICAT
99999Y LOW COST ENGINE SAFETY MO

CLASS P-S TOTAL FOR F-16

P 1590 L/H STRAKE
16508B INSTALL STD RING LASER GY
173009 F110 DIGITAL ENGINE CONTR
19229E FALCON 229 ENGINE UPGRADE
3088 RADAR WARNING RECEIVER UP
3150M NAVSTAR GPS
3250 OPERATIONAL CAPABILITY UP
3392 CSFDR
3393 B40 W/B50 WHEELS/BRAKES
3450 ALE-47
4260 JOINT DIRECT ATTACK MUNIT
4261 TACAN EMULATION B40/B50
4262 DIGITAL TERRIAN SYSTEM (D
50003B ANTI-SKID ALGORITHM
5016 DIGITAL TRANSFER CARTRID
52338B MAIN AIRCRAFT BATTERY
53U944 FUEL IMBALANCE CONTROL
53U945 IMPROVED MAIN FUEL SHUTOF
53U946 MFSOV SWITCH SIDE GUARD
53U947 MFSOV ACCESS PANEL THUMB
5553 UPDG RETROFIT (BLOCK 50 A
56U033 BACKUP CONTROL CIRC
57U051 RELOCATE FORWARD RWR ANTE
58006A WOW SWITCH
58044B CHAFF/FLARE PROGRAMMER
58045B CHAFF/FLARE DISPENSER
58046B FLIGHT CONTROL HARNESS CH
59045B LEADING EDGE FLAP ROTARY
6018 ADVANCED SERIAL DATA BUS
6020 SCREECH REDUCTION 129 ENG
602030 BLOCK 30 CAS
602040 BLOCK 40 CAS
6021 MMMC BLOCK 50
6022 F-16 STRUCTURAL IMPROVEME
602240 BLOCK 40 STRUCTURAL IMPRO
99999E MISC ENGINE UPDATE MODS
99999U LOW COST RETROFIT MODS
99999X LOW COST MODIFICATIONS
B19402 UPGRADE THE AIR DATA COMP

14.4
20.6
201.7
10.2
5.4
252.3
14
12.4
191.1
27.6
145.0
185.8
199.6
1.0
2.2
48.9
26.8
14.7
45.2
5.8
26.0
9.3
9.3
8.6
1.0
10.0
3.9
1.7
2.0
7.7
5.5
176.1
208.2
197.5
255.2
88.5
8.6
12.4
10.4
8.7

95/02/21 1742

MOD
CRAFT CLASS NR

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

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MOD	CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
F-16	P	F07500 1ST STAGE CONTAINMENT				.4	1.2	.4						2.0
		F07501 F110 MAIN FUEL PUMP LEAKA												3.1
		F14600 F110 EXHAUST NOZZLE OUTER												15.1
		F15001 F110 STG 1&2 DISK & BLADE	5.8											43.0
		F17600 F110 LUBE TANK PRIORITY S												15.0
		F19000 F110 TURBINE FRAME OIL TU												1.1
		F19300 F110 MINI MEC			3.6	2.0								3.2
		F19400 F-110-GE-129 (DEC) UPGRAD												7.3
		Z88888 REPROGRAMMINGS	1.3	4.7										6.0
		CLASS P TOTAL FOR F-16	71.4	100.4	110.8	139.1	241.1	278.6	267.0	189.6	132.4	37.9	3.2	2046.2
		TOTAL FOR F-16	111.1	110.0	118.6	143.1	243.2	279.3	267.9	191.1	132.4	37.9	3.2	2298.5

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
EF-111 P-S 99999A		LOW COST SAFETY MODIFICAT		.6										.6
		CLASS P-S TOTAL FOR EF-111		.6										.6
P	19207B	AN/ALM-204 TEST STATIONS			1.9									1.4
	3370	ALQ-99 SIP ENCODER PROCES												1.9
	99999X	LOW COST MODIFICATIONS	3.8	1.4										5.2
	Z88888	REPROGRAMMINGS												.5
		CLASS P TOTAL FOR EF-111	3.8	1.4	1.9									9.0
		TOTAL FOR EF-111	3.8	2.0	1.9									9.6

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
F-111	P-S	12322A REPLACE FLIGHT CONTROL SY												53.9
		99999A LOW COST SAFETY MODIFICAT												.2
		CLASS P-S TOTAL FOR F-111												54.1
P		12356B F/FB-111 AVIONICS MODERNI												899.2
		Z88888 REPROGRAMMINGS	13.6	5.0										49.7
		CLASS P TOTAL FOR F-111	13.6	5.0										948.9
		TOTAL FOR F-111	13.6	5.0										1003.0

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
A/T-37	P-S 99999A	LOW COST SAFETY MODIFICAT	1.1	1.4	.5	.6	.6	.7	.8	.8	.9			7.5
		CLASS P-S TOTAL FOR A/T-37	1.1	1.4	.5	.6	.6	.7	.8	.8	.9			7.5
P	99999X	LOW COST MODIFICATIONS	.8											3.4
		CLASS P TOTAL FOR A/T-37	.8											3.4
		TOTAL FOR A/T-37	1.9	1.4	.5	.6	.6	.7	.8	.8	.9			10.9

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AIR CRAFT CLASS NR

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MODIFICATION TITLE

TOTAL PROGRAM

		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-5	P-S 21107A THRUST REVERSER INDICATOR	.6	.3										3.8
	99999A LOW COST SAFETY MODIFICATION	.3	1.0	1.4		.4	.1	1.9	1.9	1.9			8.9
CLASS P-S TOTAL FOR C-5		.9	1.3	1.4		.4	.1	1.9	1.9	1.9			12.7
P	14220B MLG/DOOR ACTUATING SYS (R	9.6	5.6	2.0	1.7								80.4
	15203B MADARS REPLACEMENT	.2	4.8	9.1	3.4								206.8
	15205B EXPANDED FAN SPEED N1 IND												8.0
	17204B PYLON FIRE SAFETY IMPROVE												21.9
	23121B IMPROVED BOLTING NOZZLE S	.3		.1									.9
	23185B MAIN FUEL CONTROL RECAM	1.1	.8										3.5
	23225B REPLACE IFF SYSTEM												.8
	26110B TF39 ENGINE ANTI-ICE VALV	.9											4.2
	3150 NAVSTAR GPS	10.1	4.0	21.1	13.6	13.2	4.2	4.7					70.9
	3222 MAC C2 SATCOM ANTENNAS	1.1											5.0
	3234 CROSS WIND LANDING GEAR												.3
	3455 AIRLIFT DEFENSIVE SYSTEMS	.3											25.4
	3456B FLIGHT STATION GALLEY	.6	7.2	6.2	3.4	3.0	.8						.8
	6019 MADARS II MULTIPLEXER PRO	3.8	.2	.4	.6								3.8
	6030 REDUCED VERTICAL SEPARATI									1.3			1.2
	6031 THRUST RECOVERY CABIN OUT							4.9		1.3			1.3
	6032 COMPARTMENT FLOOR CORROSI	.3											6.2
	6033 INSTALLATION OF NOSE LAND							4.0					5.0
	6034 TF39 ENGINE VAPOR BARRIER	.2											.2
	6035 D-SUMP LUBE LINE MODIFICA												6.2
	6036 SMART ENGINE DIAGNOSTICS							2.8	3.4				355.9
	6037 TF39 ENGINE HIGH PRESSURE							52.2	52.8	56.1	58.3	136.5	257.1
	6038 AUTOPILOT AND FLIGHT AUGM							43.5	40.9	39.4	40.9	92.4	86.1
	6039 COCKPIT/COURIER FLOOR STR							4.4	16.8	20.2	20.5	24.2	5.3
	6046 SATCOM			5.3									.3
	99999E MISC ENGINE UPDATE MODS	2.8	.1		.1								2.8
	99999U LOW COST RETROFIT MODS	1.3											1.4
	99999X LOW COST MODIFICATIONS	3.6											3.6
	T0110B PITCH TRIM MANIFOLD												4.7
	Z88888 REPROGRAMMINGS												
CLASS P TOTAL FOR C-5		37.2	27.2	44.0	22.6	16.8	6.1	116.5	113.9	118.3	119.7	253.1	1170.3
TOTAL FOR C-5		38.1	28.5	45.4	22.6	17.2	6.2	118.4	115.8	120.2	119.7	253.1	1183.0

TOTAL FOR C-5

CLASS P TOTAL FOR C-5

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-9	P 26165B REPL FLIGHT DATA RECORDER												
	3150 NAVSTAR GPS	6.8	3.0	2.6	2.8	.8	.5	.5	.6				1.4
	41090B C-9 ENGINES					22.5	34.5	43.2	44.4				17.6
	4268 MISSION COMMUNICATION SYS	3.3	6.0										144.6
	99999S SERVICE BULLETINS	1.7	3.7	1.5	1.9	2.7	2.4	1.5	1.6				9.3
	Z88888 REPROGRAMMINGS		-6.0										20.4
													-6.0
	CLASS P TOTAL FOR C-9	11.8	6.7	4.1	4.7	26.0	37.4	45.2	46.6				187.3
	TOTAL FOR C-9	11.8	6.7	4.1	4.7	26.0	37.4	45.2	46.6				187.3

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MOD
CRAFT CLASS NR

MODIFICATION TITLE		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-17	P	3429	A/B SINGARS AJ COMM										
		6011	CANADIAN RETRIEVAL SYSTEM	.1						3.1	.2		3.3
		6012	AIRLIFT DEFENSIVE SYSTEMS			11.9	12.1						.1
		6012A	ACCELERATED AIRLIFT DEFEN			2.3							24.0
		6013	AUTOMATED G-FILE/DIGITIZE	3.9	1.6								3.9
		6014	COMFORT PALLET ELECTRICAL	.5	1.1	2.4	2.8	.2		2.8	.4		3.9
		6015	CONTAINER DELIVERY SYSTEM										1.6
		6016	SATCOM UPGRADE	1.0	.2								10.2
		6017	UPGRADE TO 75/90 KVA GENE	9.9	3.7								1.2
		6025	AUTOMATED COMMUNICATIONS		1.7	.2							13.6
		6026	400 POUND PARATROOPER SEA		.4	3.5	7.3	3.4					1.9
		6027	INERTIAL REFERENCE UNIT		.2	.9							14.6
		6028	INTERNAL GUSTS LOCKS		4.6	3.0							1.1
		99999X	LOW COST MODIFICATIONS	.7	.8	.7			.3				7.6
		Z88888	REPROGRAMMINGS	-1.1	-7.0								2.7
CLASS P TOTAL FOR C-17		3.5	6.1	12.7	24.4	22.2	5.0	.9	.3	5.9	.6		-8.1
TOTAL FOR C-17		3.5	6.1	12.7	24.4	22.2	5.0	.9	.3	5.9	.6		81.6

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-21	P	3150 NAVSTAR GPS 99999S SERVICE BULLETINS	.3	2.4 .1	4.5 .1	3.9 .1	.9 .1	1.2 .1	1.3 .1	1.3 .1				15.5 1.4
		CLASS P TOTAL FOR C-21	.3	2.5	4.6	4.0	1.0	1.3	1.4	1.4				16.9
		TOTAL FOR C-21	.3	2.5	4.6	4.0	1.0	1.3	1.4	1.4				16.9

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742
AIR CRAFT CLASS NR MOD NR

MODIFICATION TITLE		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-22	P 99999S SERVICE BULLETINS Z88888 REPROGRAMMINGS		5.1	.7	.4	.3	.2	.2	.2				2.0 5.1
CLASS P TOTAL FOR C-22			5.1	.7	.4	.3	.2	.2	.2				7.1
TOTAL FOR C-22			5.1	.7	.4	.3	.2	.2	.2				7.1

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-27	P	3455 AIRLIFT DEFENSIVE SYSTEMS 99999S SERVICE BULLETINS	.1	.7	.3	.8	2.2	3.2	3.3	3.4				6.7 12.0
		CLASS P TOTAL FOR C-27	.1	.7	.3	.8	2.2	3.2	3.3	3.4				18.7
		TOTAL FOR C-27	.1	.7	.3	.8	2.2	3.2	3.3	3.4				18.7

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

CRAFT CLASS NR	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-137 P	4268	MISSION COMMUNICATION SYS	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0				6.5
	99999S	SERVICE BULLETINS	1.5	.4	1.4	.5	.6	.7	.7	.8				15.0
	99999X	LOW COST MODIFICATIONS												9.0
CLASS P TOTAL FOR C-137			3.4	1.4	2.4	1.5	1.6	1.7	1.7	1.8				30.5
TOTAL FOR C-137			3.4	1.4	2.4	1.5	1.6	1.7	1.7	1.8				30.5

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MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-141	P-S 99999A LOW COST SAFETY MODIFICAT	.7	1.8	.6	.9	1.0	.7	.8	.6	1.0			9.7
	CLASS P-S TOTAL FOR C-141	.7	1.8	.6	.9	1.0	.7	.8	.6	1.0			9.7
P	13627B AWLS & AUTOPILOT	10.9	3.7	52.6	37.3	19.3	20.7	12.0	1.0				209.9
	13652B FUEL QUANTITY INDICATING												17.9
	3150 NAVSTAR GPS			24.7		40.7	29.3	1.4					96.1
	3222 MAC C2 SATCOM ANTENNAS	2.9											4.7
	3353 HF AUTO COMM PROCESSOR (A												25.8
	3449 INFRARED COUNTERMEASURES												9.7
	3455 AIRLIFT DEFENSIVE SYSTEMS	4.8	7.7	12.8	6.8	4.7	3.4						43.1
	6040 ENGINE INSTRUMENT DISPLAY				8.3	7.8	8.6	.6					25.3
	6046 SATCOM			4.5									4.5
	62070B STD FLIGHT LOAD RECORDER	2.1											6.1
	64092B WEEP HOLE REWORK	2.3											4.1
	8109 ARMOR PLATING												3.8
	99999U LOW COST RETROFIT MODS		1.2										1.4
	99999X LOW COST MODIFICATIONS	2.3											2.3
	T8221 APN 169-C ESKE OVERWATER	3.2											3.2
	CLASS P TOTAL FOR C-141	28.5	12.6	94.6	52.4	72.5	62.0	14.0	1.0				457.9
	TOTAL FOR C-141	29.2	14.4	95.2	53.3	73.5	62.7	14.8	1.6	1.0			467.6

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

CRAFT CLASS NR	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
T-1	P 3150	NAVSTAR GPS			5.8	8.5	8.5	9.5						32.3
		CLASS P TOTAL FOR T-1			5.8	8.5	8.5	9.5						32.3
		TOTAL FOR T-1			5.8	8.5	8.5	9.5						32.3

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR		MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
T-3	P	99999X	LOW COST MODIFICATIONS			.1	.2	.2	.2	.2	.2				1.1
			CLASS P TOTAL FOR T-3			.1	.2	.2	.2	.2	.2				1.1
			TOTAL FOR T-3			.1	.2	.2	.2	.2	.2				1.1

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MOD
CRAFT CLASS NR

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MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
T-38	P-S 10206A FUS STA 325 BULKHEAD FORM	3.5	.9	5.0	12.6								44.9
	14207B COCKPIT ENCLOSURE (PC)	3.7	5.0	2.5	2.8								68.9
	19205A BIRD IMPACT RESISTANT WIN	4.3	5.8	4.0									21.7
	20104A 66% SPAR STRAP												3.2
	99999A LOW COST SAFETY MODIFICAT	2.8	3.9					.1					8.2
	CLASS P-S TOTAL FOR T-38	14.3	15.6	11.5	15.4			.1					146.9
P	6029 AVIONICS UPGRADE		9.8			31.3	128.9	118.1	124.1	138.2	105.5	5.5	651.6
	Z88888 REPROGRAMMINGS												9.8
	CLASS P TOTAL FOR T-38		9.8			31.3	128.9	118.1	124.1	138.2	105.5	5.5	661.4
	TOTAL FOR T-38	14.3	25.4	11.5	15.4	31.3	128.9	118.2	124.1	138.2	105.5	5.5	808.3

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95/02/21 1742 AIR CRAFT CLASS NR		MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
T-41	P	99999X	LOW COST MODIFICATIONS	.2											.3
			CLASS P TOTAL FOR T-41	.2											.3
			TOTAL FOR T-41	.2											.3

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET													TOTAL PROGRAM
95/02/21 1742	MOD	MODIFICATION TITLE											COST TO GO
FAIR CRAFT CLASS	NR	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
T-43	P												
	3150		2.0	3.5	.8	.2	.2		.2			6.9	
	4307											1.7	
	99999S	1.9	2.1	1.9	.3	.6	.4	.6	.4			10.4	
	99999X		1.2									1.2	
	CLASS P	1.9	5.3	5.4	1.1	.8	.6	.6	.6			20.2	
	TOTAL FOR T-43	1.9	5.3	5.4	1.1	.8	.6	.6	.6			20.2	

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95/02/21 1742
AIR CRAFT CLASS NR

MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
KC-10 P-S 99999A LOW COST SAFETY MODIFICAT		.4	.2	1.2	1.0	.9	1.9	1.9				7.5
CLASS P-S TOTAL FOR KC-10		.4	.2	1.2	1.0	.9	1.9	1.9				7.5
P 3150 NAVSTAR GPS	11.0	9.3	13.6	12.2	5.1	2.0						53.2
3351 REFUELING PODS	18.2	4.7	.9									53.9
3353 HF AUTO COMM PROCESSOR (A												5.2
41008B MISC SERVICE BULLETIN	2.2											2.2
4301 ENGINE VIBRATION MONITORI		1.7	1.8	1.1	1.1	1.1						6.8
6046 SATCOM			2.3									2.3
99999S SERVICE BULLETINS	3.7	1.0	1.0	1.0	.2	.7	1.9	1.9				13.8
99999X LOW COST MODIFICATIONS	1.6	.8	.9	.1			1.1	1.2				5.7
Z88888 REPROGRAMMINGS												.4
CLASS P TOTAL FOR KC-10	36.7	17.5	20.5	14.4	6.4	3.8	3.0	3.1				142.7
TOTAL FOR KC-10	36.7	17.9	20.7	15.6	7.4	4.7	4.9	5.0				150.2

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET															
95/02/21 1742 AIR CRAFT CLASS NR		MODIFICATION TITLE												TOTAL PROGRAM	
MOD NR		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO			
C-12	P			1.1	3.0	3.0	2.2	1.0	.8					11.1	
			.1											.1	
			.2	.2	.1	.3	.1	.3	1.1					2.9	
			.3	1.3	3.2	3.1	2.5	1.1	1.1	1.1				14.1	
		CLASS P TOTAL FOR C-12													
TOTAL FOR C-12		.3	1.3	3.2	3.1	2.5	1.1	1.1	1.1					14.1	

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-18	P	3150 NAVSTAR GPS		1.8	2.4	.8	.2	.1	.1	.1				5.5
		99999X LOW COST MODIFICATIONS	.2	.3	.3	.3	.3	.3	.3	.3	.3			2.8
		CLASS P TOTAL FOR C-18	.2	2.1	2.7	1.1	.5	.4	.4	.4	.3			8.3
		TOTAL FOR C-18	.2	2.1	2.7	1.1	.5	.4	.4	.4	.3			8.3

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742	MOD	MOD	MOD	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	CLASS	NR	MODIFICATION TITLE											PROGRAM
C-20	P	3150	NAVSTAR GPS		5.7	7.1	1.3	2.0	.6	.6	.6				17.9
		4268	MISSION COMMUNICATION SYS												6.0
		99999X	LOW COST MODIFICATIONS	.1	.7	.7	.7	.7	.7	.7	.8				5.5
		Z88888	REPROGRAMMINGS												-6.0
			CLASS P TOTAL FOR C-20	.1	6.4	7.8	2.0	2.7	1.3	1.3	1.4				23.4
			TOTAL FOR C-20	.1	6.4	7.8	2.0	2.7	1.3	1.3	1.4				23.4

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-25	P	3150 NAVSTAR GPS			7.0	1.1	.1	.1	.1	.1				8.5
		4268 MISSION COMMUNICATION SYS	9.2											9.2
		99999S SERVICE BULLETINS	.5	.8	.8	.8	.8	.8	.8	.9				7.9
		CLASS P TOTAL FOR C-25	9.7	.8	7.8	1.9	.9	.9	.9	1.0				25.6
		TOTAL FOR C-25	9.7	.8	7.8	1.9	.9	.9	.9	1.0				25.6

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05/02/21 1742

MOD
CRAFT CLASS NR

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET														
MOD CRAFT CLASS NR		MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-130	P-S	99999A LOW COST SAFETY MODIFICAT T8016S BLEED AIR DUCT RETROFIT		1.1	1.7	.7	1.2	1.9	.9	1.2				8.7 10.1
CLASS P-S TOTAL FOR C-130			1.1	1.7	.7	1.2	1.9	.9	1.2					18.8
P		10603A FLIGHT DATA RECORDER	5.7	4.3	2.1									5.8
		12603B APQ-122 RADAR REPLACEMENT	5.5											115.0
		14515B COMPUTER REPLACEMENT	3.5											21.5
		17605B AUTOPILOT/GCAS	32.2	9.8	27.0	46.2	39.3	53.6	55.1	14.3				309.4
		18600B ELECTRICAL SYSTEM UPGRADE	3.0	4.5	11.7	15.9	19.1	30.6	14.7	3.6				113.0
		18603B FUEL QTY SYS UPGRADE ON C	2.4	2.6	.6	2.5	3.3	1.9	1.5					18.7
		3150 NAVSTAR GPS	13.6	14.2	14.2	20.8	4.0	4.6						79.0
		3190 SCNS	2.7	8.5	14.5	4.4	3.9							353.4
		3222 MAC C2 SATCOM ANTENNAS	.7											9.2
		3353 HF AUTO COMM PROCESSOR (A	5.7	1.7	.8	1.3	.8	.4						39.1
		3401 JTIDS TADIL J			2.1									2.1
		3430 REM OVERHEAD DELIVERY SYS												.6
		3455 AIRLIFT DEFENSIVE SYSTEMS	16.5	6.7										39.5
		3458 ABCCC MODIFICATIONS	1.9	4.1	4.9									12.9
		3587 MICROWAVE LANDING SYS (ML	2.6	3.3										32.9
		62151B STROBE LIGHTS												11.2
		67087B LIFE HISTORY RECORDER	.4	.8	1.4	.5								14.4
		8109 ARMOR PLATING												4.5
		8293 DUAL LOX CONVERTER		.6										.6
		99999M MISC SIMULATOR UPDATES			1.1	.2	2.5	1.5						5.3
		99999S SERVICE BULLETINS		1.5	.4		1.9	.9						4.7
		99999U LOW COST RETROFIT MODS			1.9									1.9
		99999X LOW COST MODIFICATIONS		1.1					5.0	5.0				1.9
		ATCALS TRAFFIC CONTROL/APPROACH/												10.0
		COMPAS COMPASS CALL	8.0											8.0
		COMREP C12/N1 COMPASS REPLACEMENT					4.0		21.2	26.9	14.8	27.2	18.8	112.9
		CWREPL CENTER WING REPLACEMENT							8.0	4.0				120.6
		GENDIS GENERATOR DISCONNECT							8.9	43.7	33.9	46.1	21.4	154.0
		RADAR APN-59 RADAR REPLACEMENT							30.9	47.4	18.7	2.0		125.6
		T8220 ALR-69 (RWR)							16.5	15.3	4.3			40.1
		T8234 AIRBORNE SINGARS JAM RESI	13.9	12.7			4.0							.5
		Z11111 C-130H BIG SAFARI MODS	.5											-1.0
		Z88888 REPROGRAMMINGS		-1.0										
CLASS P TOTAL FOR C-130			118.8	75.4	82.7	91.8	82.8	93.5	161.8	160.2	71.7	75.3	40.2	1779.3
TOTAL FOR C-130			118.8	76.5	84.4	92.5	84.0	95.4	162.7	161.4	71.7	75.3	40.2	1798.1

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742
AIR MOD
CRAFT CLASS NR

MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C-135 P-S 10408A AERIAL REFUELING PUMP AUT	.5	1.9	1.9	1.9	.9	.1	.5	1.9				8.0
99999A LOW COST SAFETY MODIFICAT	.5	1.9	1.9	1.9	.9	.1	.5	1.9				9.1
CLASS P-S TOTAL FOR C-135	.5	1.9	1.9	1.9	.9	.1	.5	1.9				17.1
P-1 10402B FUEL SAVINGS ADVISORY SYS	.6	.9	1.3	.7	.6							101.9
13405B REPLACE MC-1 AUTOPILOT	.1	.1	.1		.1							91.8
16405X SCOPE RELOCATION		1.4	3.0	2.9	2.2	2.2	1.5	.2				.4
17403B STANDARD FLIGHT DATA RECO	.1	.2	.2	.1		.5						19.1
2984X NUCLEAR HARDENING	24.0			1.5								1.1
3009E C-135 REENGINE												357.2
3009Q C-135 REENGINE												6263.4
3009R C-135 REENGINE	.2	.4	.2	.2	.2							3.8
3009X AUDIBLE COCKPIT WARNING	.1	.3	.2	.1	.2							1.2
3009Y RELOCATE S/V BOX												.9
3042 STANDARD VHF AM/FM RADIO												1.6
3150 NAVSTAR GPS	1.6	22.8	2.2	39.0	37.5	30.7	26.0	5.5	20.4	8.3		192.4
3156 PACER LINK PH II												248.7
3353 HF AUTO COMM PROCESSOR (A		6.4	10.4	12.5	1.1	1.5	2.0	1.7				35.6
3368 GROUND COLLISION AVOIDANC			6.7	9.9	9.6	9.0	4.4	3.0	4.5			60.3
3380 MILSTAR UHF/EHF COMMAND P												102.9
40604B ANTI-COLLISION STROBE LIG			.8									1.9
4221 IRCM												2.5
4232 OPEN SKIES AIRCRAFT	33.8		33.4	31.1	27.8	24.9	25.7	26.5				61.0
4263 RIVET JOINT		1.4										203.2
4264 TACTICAL INFO. BROADCAST												1.4
48604B INSTALLATION OF WINDOW ED				1.9				.9				2.4
99999S SERVICE BULLETINS			.2	.5				.6				2.8
99999U LOW COST RETROFIT MODS		1.3		.5				.7				2.6
99999W OUT OF WARRANTY CONTRACTO		.9	1.9	1.3	1.4	.5	.9	.9				2.5
99999X LOW COST MODIFICATIONS												9.1
EC8690 SPECKLED TROUT - AIRLINK												2.8
KC4218 HIGH RELIABILITY MAINT FR		2.1	2.2	1.9	1.9	1.1	.8					10.0
KC4231 MULTIPOINT REFUELING			11.2	21.6	20.4	20.4	42.5	40.4	10.6	10.6		177.7
KC4233 AERIAL REFUELING RECEPTAC		7.5							65.7	18.8		92.0
KC4289 COMPASS REPLACEMENT		13.1	2.2	28.1	22.3	18.6	15.6	2.3	13.5	3.8		119.5
KC4290 IMPROVED MAIN LANDING GEA		1.0	1.0									2.0
KC4291 ARC 190		4.9	8.4	11.1	1.8	3.2	3.9	1.9	.1			35.3
KC4292 RADAR REPLACMNT & DISPLAY		5.4	55.2	21.7	25.4	26.3	20.3	3.3	23.9	5.6		187.1
KC4308 KC-135 AVIONICS RELOCATIO		5.3										5.7
Z88888 REPROGRAMMINGS												.1
CLASS P TOTAL FOR C-135	60.5	75.4	140.8	186.6	152.5	138.9	143.6	87.9	138.7	47.1		8403.9

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
		61.0	77.3	142.7	188.5	153.4	139.0	144.1	89.8	138.7	47.1		
TOTAL FOR C-135													8421.0

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

AIR CRAFT CLASS MOD NR

MODIFICATION TITLE		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
E-3	P-S 99999A LOW COST SAFETY MODIFICAT					.2			2.0				2.2
	CLASS P-S TOTAL FOR E-3					.2			2.0				2.2
P	17600B REPLACE MAG TAPE TRANSPOR	.1	2.5										21.0
	20001X QUERTY KEYBOARDS		7.1										9.2
	3150 NAVSTAR GPS		2.3	19.1	13.2	.4	.5	.2					36.8
	3246 HAVE QUICK A-NET	2.5	1.9										147.7
	3371 ELECTRONIC SUPPORT MEASUR		72.1	77.4	115.3	11.2	12.3	1.0					328.4
	3401 JTIDS TADIL J		22.3	22.7	30.8	3.1	3.2	.3					88.8
	3402 DATA ANALYSIS PROGRAMMING		25.0	23.7	47.9	4.6	5.1	.5					130.6
	50001X EXTEND SENTRY			35.9	8.5	5.5	5.4	5.3	5.1				65.7
	7266 RADAR SYSTEM IMPROVEMENT			49.6	53.2	66.9	51.7	73.8	71.2	71.1			437.5
	99999S SERVICE BULLETINS		1.9	1.8		.1			1.9				5.9
	99999X LOW COST MODIFICATIONS	2.0	1.5	.2	1.4	.4	1.1		2.7				10.5
	CLASS P TOTAL FOR E-3	4.6	136.6	230.4	270.3	92.2	79.3	81.1	80.9	71.1			1282.1
	TOTAL FOR E-3	4.6	136.6	230.4	270.3	92.4	79.3	81.1	82.9	71.1			1284.3

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

05/02/21 1742

MOD CRAFT CLASS NR

MODIFICATION TITLE

E-4	P-S 99999A	LOW COST SAFETY MODIFICAT	CLASS P-S TOTAL FOR E-4	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
	P	3150 NAVSTAR GPS		8.6	.9	1.0	.2	.2	.2		1.9	1.9			3.8
		3380 MILSTAR UHF/EHF COMMAND P			9.3										3.8
		3445 UNIVERSAL MODEM							4.0	4.0	.2	.1			11.3
		3500 BACKBONE COMMUNICATIONS B			7.4										44.4
		3501 SHF SATCOM			5.9										8.3
		3505 MMRT						11.3	.5	1.5					7.4
		99999S SERVICE BULLETINS		1.8	1.9		.9	2.0	1.9						5.9
		99999X LOW COST MODIFICATIONS			3.6		.5			.6	2.1				13.3
		Z88888 REPROGRAMMINGS			6.0										13.0
															6.9
															6.0
				10.4	35.0	1.0	1.6	13.5	6.6	6.3	2.3	.1			116.5
		CLASS P TOTAL FOR E-4													
				10.4	35.0	1.0	1.6	13.5	6.6	8.2	4.2	.1			120.3
		TOTAL FOR E-4													

P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
H-1	P-S 99999A	LOW COST SAFETY MODIFICAT			.3	.1								.4
		CLASS P-S TOTAL FOR H-1			.3	.1								.4
P	3150	NAVSTAR GPS		8.2		2.3								10.5
	99999X	LOW COST MODIFICATIONS	.1											.3
	T8123	FLEXPLATE MAIN DRIVESHAFT			5.9	3.1								9.0
	Z88888	REPROGRAMMINGS		-8.2										-8.2
		CLASS P TOTAL FOR H-1	.1		5.9	5.4								11.6
		TOTAL FOR H-1	.1		6.2	5.5								12.0

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742

MOD
CRAFT CLASS NR

MODIFICATION TITLE

		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
MH-60	P	3.0	2.0										16.4
	3150												1.3
	99999S												2.6
	99999X	2.5			.1								15.3
	DSU				2.7	2.7	3.2	5.9	.8				13.1
	DEFENSIVE SYSTEMS UPGRADE				2.4	2.5	2.9	4.5	.8				12.3
	EC/N				2.2				10.1				11.3
	ENHANCED COMMUNICATIONS/N												4.6
	FLIR												3.2
	AN/AAQ-16B FLIR												1.8
	T8130	11.0	.3										-2.0
	HH-60G RETROFIT												
	T8136	4.6											
	UHF SATCOM/ANDVT/DAMA												
	T8171	3.2											
	IMPROVED INTERCOM SYSTEM												
	T8179	1.8											
	VHF AM/FM ANTENNA REPLACE												
	T8196												
	INFRARED (IR) STROBE LIGH												
	Z88888												
	REPROGRAMMINGS												
		-2.0											
	CLASS P	26.1	.3		7.4	5.2	6.1	10.4	11.7				81.3
	TOTAL FOR MH-60												
		26.1	.3		7.4	5.2	6.1	10.4	11.7				81.3

TOTAL FOR MH-60

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95/02/21 1742			P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET											TOTAL PROGRAM
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	
OTHER AIRCRAFT														
C-17	P	TACAN TACAN/ADS SOFTWARE BLOCK												1.9
KC-10	P	SIM-10 SIMULATOR UPGRADE (KC-10)	2.0											4.1
CLASS P TOTAL FOR OTHER			2.0											6.0
MULTI P-S														
10208A	P-S	F100/200/220E INLET FAN S		.7										5.5
T6027S		FUEL TANK FOR A/M32A-95 L		.2	.2									.7
T6075A		#1 BEARING OIL TUBE RETAI												.4
CLASS P-S TOTAL FOR OTHER				.9	.2									6.6
MULTI P														
10611C	P	CARA	.8		1.4	2.5					5.1			146.9
12619B		APN-59E(V) RADAR IMP	.2		2.7	10.6								11.2
13614B		ALE-40 DEFICIENCIES		7.8	1.8	.7								59.4
14212B		SUPPORT EQUIPMENT UPGRADE												12.2
16620C		HF RADIO REPL/ARC190	3.6	2.3	.3	1.7	4.3	3.0	2.8	2.9				21.9
16630B		MAU-12/40/50	2.5											17.1
18615B		AN/ALR-69 SYS IMPROVEMENT	11.3	3.2										44.7
3150-C	P	NAVSTAR GPS (C-26)		1.3	2.7	2.2	1.6	2.0	2.3	2.4	4.9			14.5
3150E9	P	NAVSTAR GPS (E-9)		.2	.2	.1								.5
3429	P	A/B SINGGARS AJ COMM	18.4	1.6	1.5									48.7
3431		AERP	3.4											11.6
3495	P	TACTICAL SECURE VOICE	8.0	7.6										15.6
40302B	P	RING LASER GYRO	.1											3.1
6073A		UPGRADE DEEC												.7
6074A		UPGRADE EDU		.2										.8
64201F	P	FLIGHT DATA RECORDER	3.5											3.5
99899C	P	CLASSIFIED PROJECTS												12.7
99999J	P	MISCELLANEOUS LOW COSTS M												2.5
99999W	P	OUT OF WARRANTY CONTRACTO	.6	.1	.1	.1	.1	.1	.1	.1				.6
99999X	P	LOW COST MODIFICATIONS	.3		.2		1.4	1.4	1.4	1.3				11.2
F15/F1	P	AMWS F15/F16 ADVANCED MISSILE						46.3	83.5	120.8				250.6
F15HAR	P	F15HAR F-15 HARM INTEGRATION				.6	.2	.1	.2	.1				1.2
F16MDS	P	F-16 MANNED DESTRUCTIVE S			3.0									3.0
SIM-A	P	SIMULATOR UPGRADE - AERO									6.0			6.0
SIM-C	P	SIMULATOR UPGRADE - COMPU									7.0			3.0
SIM-M	P	SIMULATOR UPGRADE - MOTIO									3.0			3.0
SIM-V	P	SIMULATOR UPGRADE - VISUA									26.0			26.0
SIM130	P	SIMULATOR UPGRADE (C-130)									6.0			6.0
SIM141	P	SIMULATOR UPGRADE (C-141)												6.8
SIM5	P	SIMULATOR UPGRADE (C-5)	6.8								35.1			35.1
C-5A/B	P	MCS ENHANCEMENTS												6.8
VC-25A	P	T4268												15.0
MULTI	P	T8136 UHF SATCOM/ANDVT/DAMA	10.5	11.3	12.6	20.2	8.6	8.2						71.4
C5,C14	P	T8174 HF MODERNIZATION		6.0	2.7	2.0								10.7
MULTI	P	T8219 HEATER COMBUSTOR ASSY UPG												1.9
	P	Z88888 REPROGRAMMINGS		-2.0										-1.6

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

35/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
		CLASS P TOTAL FOR OTHER	70.0	39.6	29.2	40.7	16.2	61.1	90.3	127.6	93.1			881.5
		TOTAL FOR OTHER	72.0	40.5	29.4	40.7	16.2	61.1	90.3	127.6	93.1			894.1

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
CLASSI P	1001	COMPASS CALL	28.3	45.2		7.2	7.7	8.4	8.6	8.9				164.5
	1002	RIVET JOINT (CLASSIFIED)												107.0
	1005	ADVANCED PROGRAM TECHNOLO		3.2										7.6
	1009	SENIOR YEAR OPS												7.8
		CLASS P TOTAL FOR CLASSI	28.3	48.4		7.2	7.7	8.4	8.6	8.9				286.9
		TOTAL FOR CLASSI	28.3	48.4		7.2	7.7	8.4	8.6	8.9				286.9

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS .NR	MOD CLASS .NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
DARP	P	99999D DEFENSE AIRBORNE RECONNAI		68.2										68.2
		CLASS P TOTAL FOR DARP		68.2										68.2
		TOTAL FOR DARP		68.2										68.2

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1742 AIR CRAFT CLASS NR	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
C L A S S P T O T A L S			923.0	1067.7	1114.3	1261.3	1253.9	1476.8	1566.4	1390.5	1115.1	704.3	914.6	25745.3
C L A S S P-S T O T A L S			73.1	40.1	35.4	33.1	16.1	13.8	15.0	16.5	3.8			771.7
G R A N D T O T A L			996.1	1107.8	1149.7	1294.4	1270.0	1490.6	1581.4	1407.0	1118.9	704.3	914.6	26517.0

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SECTION 2
P-1N INSTALLATION SUMMARY

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*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
B-2	P	110001 CONTRAIL MANAGEMENT		.4	.4	.4	.5	.4					1.7
		110002 GFP COMSEC EQUIPMENT CHANGE		.2		.1							.3
		110003 EMD ENGINES RETROFIT		1.0		.8	1.3						3.1
		110004 JP8 CONVERSION											
		110005 MILSTAR UHF		.2	.2	.2	.2	.2					.8
		110006 ZSR-63 - BAND 4		.9	.9	.9	1.2	.9					3.9
		110008 DISK DRIVE UNIT (DDU)		.3	.3	.3	.4	.3					1.3
		110010 GPS-AIDED TARGETING SYSTEM		.2	.2	.2							.4
		110011 POST BLOCK 30 UPDATES							1.1	1.1	1.1		2.2
		3150 NAVSTAR GPS		1.4	.9								2.3
		99999U LOW COST RETROFIT MODS											
		99999X LOW COST MODIFICATIONS											

TOTAL FOR CLASS P

4.6	3.8	3.6	1.8	1.1	1.1	16.0
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TOTAL FOR B-2

4.6	3.8	3.6	1.8	1.1	1.1	16.0
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P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET													
5/02/21 1743 AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
B-1	P-S	10407A AFT DC POWER UPGRADE		.7	4.1	4.1	4.3	5.0					18.2
		10414A OVERWING FAIRING FIRE PREVENTION											75.8
		TOTAL FOR CLASS P-S		.7	4.1	4.1	4.3	5.0					94.0
B-1	P	3150-R NAVSTAR GPS - COMM UPGRADE (A/J RADIO					.3	14.5	17.9	.1	.3	2.9	32.7
		4252 AVIONICS COMPUTERS											12.0
		4253 JDAM/1760 CONVENTIONAL ENHANCEMENTS											11.1
		4256 ECM UPGRADE PROGRAM											
		4295 FLAP/SLAT CONTROLLER											
		4296 SPOILER CONTROL											
		4298 GENERATOR CONTROL UNIT REDESIGN				1.4							1.7
		4300 CONVENTIONAL BOMB MODULE CONVERSION											.3
		49502B IMPROVED ENGINE WEAR RESISTANCE											
		5047 SIMULATOR UPDATES											
		5048 WIND CORRECTED MUNITIONS DISPENSER					.4	.2	.4	.2			1.2
		5049 BAND 5 AFT TRANSMITTER HVPS											
		5050 BAND 8 BEAM STEERING											
		5051 INTERFORMETER RCVR BAND REJECT FILTE											
		5052 WAVEFORM GENERATOR EEPROMS			3.9	5.5	4.2	2.9					22.0
		82U800 1122 IMPROVEMENT											
		99999X LOW COST MODIFICATIONS		3.2	6.1	1.0							10.3
		T4251C LANCER 101C				.5	4.9	1.8					7.2
		T4251D LANCER 101D						.8	.9				1.7
		T4251E LANCER 101E											
		TOTAL FOR CLASS P		3.2	10.3	8.4	9.8	20.2	19.2	.3	.3	2.9	100.2
		TOTAL FOR B-1			14.4	12.5	14.1	25.2	19.2	.3	.3	2.9	194.2

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
B-52	P-S	99999A LOW COST SAFETY MODIFICATIONS											
B-52	P	TOTAL FOR CLASS P-S											
		14304B STD FLT DATA REC		.2	.2								.4
		18501B WST BLOCK I UPDATE											2.2
		3116 VLF/LF MINIATURE RECEIVE TERMINAL											3.1
		3145 ALQ-172 ECM		2.2	.2	.2	.8						1.6
		3150 NAVSTAR GPS		5.1	.7	.3	1.2	1.3					6.2
		3263 INTEGRATED CONV STORES MGMT SYS											9.7
		3264 ELECTRO-OPTICAL VIEWING SYSTEM (EVS)											
		3308 VINSON							.3				1.0
		3375A HAVE NAP-B52H							.3				2.6
		4222 ARC-210 RADIO											1.9
		4257 B-52H DEFENSIVE FIRE CONTROL REMOVAL											
		4258 HARPOON											
		4259 UNIVERSAL BOMBAY ADAPTER											
		4260 JOINT DIRECT ATTACK MUNITION											
		4270 ECM IMPROVEMENT											
		4271 GPS TACAN											
		4272 WIND CORRECTED MUNITIONS DISPENSER											
		49203B HIGH RELIABILITY BATTERY											
		99999X LOW COST MODIFICATIONS											
		Z88888 REPROGRAMMINGS											
		TOTAL FOR CLASS P	2.2	7.5	1.1	1.2	2.0	6.0	11.0	9.6	3.1		57.0
		TOTAL FOR B-52	2.2	7.5	1.1	1.2	2.0	6.0	11.0	9.6	3.1		57.0

TOTAL FOR CLASS P

TOTAL FOR B-52

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P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
A-10	P-S	99999A LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
A-10	P	18202B TF34 AGB LIFE IMPROVEMENT			1.6	2.0	2.0	2.0	1.8	2.4			11.8
		3150 NAVSTAR GPS				1.0	4.7	5.5	5.4	.7			17.5
		31801B OFP REVISION 4.0, A/OA-ADA LASTE A/C											1.1
		3301 LOW ALTITUDE SAFETY & TARGETING ENHAN					.6	2.0	2.0	1.7	.4		6.7
		3429 A/B SINGGARS AU COMM			.1	.7	3.2	3.8	3.7	.5			12.0
		3441 IDM											
		6029 AVIONICS UPGRADE								1.3	2.1	.9	5.0
		7091 TACTICAL AIRCRAFT MISSILE WARNING SYS											8.0
		7092 NIGHT VISION IMAGING SYSTEM LIGHTING	.2	4.8	2.2		.6						2.2
		7093 REGENERATION OF A-10S											
		7130 ACES II REDUNDANCY											
		99999X LOW COST MODIFICATIONS											
		Z88888 REPROGRAMMINGS											

TOTAL FOR CLASS P	.2	4.8	3.9	6.1	11.1	13.3	12.9	6.6	2.5	.9	64.3
TOTAL FOR A-10	.2	4.8	3.9	6.1	11.1	13.3	12.9	6.6	2.5	.9	64.3

95/02/21 1743		P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL
AIR	MOD	MODIFICATION TITLE										YEARS
CRAFT	CLASS	NR										
										</		

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P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
F-15	P-S	13639A AFT ENGINE BAY FIRE DETECTION			1.4	.8							3.4
		TOTAL FOR CLASS P-S			1.4	.8							3.4
F-15	P	13642B AN/APG-63 RADAR LRU UPDATE (R&M)					2.4	2.5	3.0				.4
		13647B HIGH PRESSURE WATER SEPARATOR					.6	.4	.6				13.6
		16628B LANDING GEAR WIRING/SWITCHES			1.2	.4							5.8
		16701B WING FUEL TRANSFER PUMP	1.6		1.1								4.6
		17606B STANDARD FLIGHT DATA RECORDER			.5	.7							1.2
		197400 ALR-56C											3.0
		197500 MSGS			1.1								16.1
		27128B ANTENNA BORESIGHT FIXTURE TEST STN											45.8
		3150E GPS											69.6
		3150M NAVSTAR GPS											5.2
		3192 MSIP PROGRAM: C/D SERIES			5.4	7.5	3.2	20.8	11.6	4.5			
		3192A ALR-56C			12.3	.6	8.3						
		3192B ALQ-135											
		3192C ALQ-135 P3I											
		3204 AN/ALE-45 CHF/FLR DISPENSERS											
		3316 JTIDS											
		3437 COMBAT EDGE											
		3446 AIRBORNE VIDEO TAPE RECORDER											
		6003 JFS EXHAUST DUCT											
		6041 4TH BLADE OUTER SEAL											
		6048 4TH ROBUST BLADE											
		6052 2ND VANE INNER AIR SEAL											
		6054 HYBRID NOZZLE COKING											
		6055 4-7 BCN BLADE											
		6065 TANGENTIAL OUTBOARD INDUCER											
		6066 CIVV VANE ARM BOLT											
		6069 VANE PASSAGE CASING											
		6070 TUBE IMPROVEMENT											
		6071 4TH DISK BRUSH SEAL											
		6082 EDU COOLING TUBES											
		64027B FUEL HEAT RECIRCULATION		1.5									1.5
		64031B INCREASED JFS HYD START ENERGY											1.5
		64081B EJECTOR/VLV CABLE BUTTERFLY		2.1									2.1
		65042B 100/220 ENGINE INTERCHANGEABILITY											5.5
		8049 APG-63 RADAR						2.0	14.4	17.9	20.9	22.8	89.3

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P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
F-15	P	8051 ALR-56C RF CABLES											
		8053 APG-70 LRU-038, O82 & O44 UPDATE											
		8158 STICK GRIPS											
		8164 DELETE LEAD COMPUTING GYRO											1.4
		8232 UPGRADE OF PDM SE											
		8239 ENHANCED ELECTRONIC BUS											7.3
		8249 IMPROVED HEADS UP DISPLAY											2.7
		8250 JTIDS IIR		1.3		.8	1.3	1.6	1.6	.3	1.0	1.5	
		8251 VHSIC CARD					.6						
		8265 PROGRAMMABLE ARMAMENT CONTROL SET											
		99999E MISC ENGINE UPDATE MODS											
		99999M MISC SIMULATOR UPDATES											
		99999U LOW COST RETROFIT MODS											
		99999X LOW COST MODIFICATIONS						.6	1.0	.5	.5	.6	4.1
		SPU SECONDARY POWER UPGRADE											
		T8237 DIGITAL MAP SYSTEM											
		Z88888 REPROGRAMMINGS											

TOTAL FOR CLASS P

TOTAL FOR F-15

5.2	.7	22.9	10.1	16.4	28.0	32.4	23.4	22.6	25.1	281.7
5.2	.7	24.3	10.9	16.4	28.0	32.4	23.4	22.6	25.1	285.1

5/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET												ALL YEARS	
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03			
F-16	P-S	10501A F100-PW-220/220E INTERCHANGEABILITY	1.1	7.4	4.8								5.5	14.8	
		18503A WING BEEF-UP											4.2		
		19203A F100-220E ENGINE UPGRADE													
		99999A LOW COST SAFETY MODIFICATIONS													
		99999Y LOW COST ENGINE SAFETY MODIFICATIONS													
TOTAL FOR CLASS P-S			1.1	7.4	4.8								24.5		
F-16	P	1590 L/H STRAKE	.4										.4		
		16508B INSTALL STD RING LASER GYRO				.7	.7	.9	1.0	.9	1.4		6.6		
		173009 F110 DIGITAL ENGINE CONTROL (DEC)			.5	.9	.8						4.0		
		19229E FALCON 229 ENGINE UPGRADE		.8	1.5	.4	.5	.4					2.5		
		3088 RADAR WARNING RECEIVER UPDATE PROGRAM	.4	.4	.4	.4	3.8	15.6	15.6				35.0		
		3150M NAVSTAR GPS											2.7		
		3250 OPERATIONAL CAPABILITY UPGRADE (OCU)	2.7	.1									1.0		
		3392 CSFDR	.9										3.7		
		3393 B40 W/B50 WHEELS/BRAKES		.5	.5	.5	.3	.5	.5						
		3450 ALE-47													
		4260 JOINT DIRECT ATTACK MUNITION													
		4261 TACAN EMULATION B40/B50													
		4262 DIGITAL TERRIAN SYSTEM (DTS)													
		50003B ANTI-SKID ALGORITHM													
		5016 DIGITAL TRANSFER CARTRIDGE (DTC)											.1		
		52338B MAIN AIRCRAFT BATTERY	.1												
		53U944 FUEL IMBALANCE CONTROL													
		53U945 IMPROVED MAIN FUEL SHUTOFF VALVE													
		53U946 MFSOV SWITCH SIDE GUARD													
		53U947 MFSOV ACCESS PANEL THUMB LATCH													
		5553 UPDG RETROFIT (BLOCK 50 A-C)													
		56U033 BACKUP CONTROL CIRC	1.0										2.0		
		57U051 RELOCATE FORWARD RWR ANTENNA	2.8										1.0		
		58006A WOW SWITCH	2.3		.2	.2	.3	.4	.3	.2			2.8		
		58044B CHAFF/FLARE PROGRAMMER	1.7										3.9		
		58045B CHAFF/FLARE DISPENSER	2.0										1.7		
		58046B FLIGHT CONTROL HARNESS CHAFING											2.0		
		59045B LEADING EDGE FLAP ROTARY ACTUATOR	6.5										6.5		
		6018 ADVANCED SERIAL DATA BUS CARD CHANGE													
		6020 SCREECH REDUCTION 129 ENGINE	.7			.8							1.5		
		602030 BLOCK 30 CAS								4.6	23.0	18.7	46.3		

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
F-16	P	602040 BLOCK 40 CAS						6.1	22.4	32.1	3.5		64.1
		6021 MMMC BLOCK 50								1.2	7.8	8.3	20.5
		6022 F-16 STRUCTURAL IMPROVEMENT PROGRAM		6.2	26.3	29.3	36.6	39.3	40.6				207.3
		602240 BLOCK 40 STRUCTURAL IMPROVEMENT		11.9	19.1	20.4	22.0	12.1	3.0				88.5
		99999E MISC ENGINE UPDATE MODS											
		99999U LOW COST RETROFIT MODS											
		99999X LOW COST MODIFICATIONS											
		B19402 UPGRADE THE AIR DATA COMPUTER											
		FO7500 1ST STAGE CONTAINMENT											.4
		FO7501 F110 MAIN FUEL PUMP LEAKAGE PREVENTIO											4.0
		F14600 F110 EXHAUST NOZZLE OUTER FLAP HINGE											
		F15001 F110 STG 182 DISK & BLADE REDESIGN											.1
		F17600 F110 LUBE TANK PRIORITY SYSTEM											.6
		F19000 F110 TURBINE FRAME OIL TUBE WRENCHING											
		F19300 F110 MINI MEC											
		F19400 F-110-GE-129 (DEC) UPGRADE											
		Z88888 REPROGRAMMINGS											

TOTAL FOR CLASS P

20.8	19.4	49.2	53.2	65.2	75.1	83.4	39.5	35.7	27.0	509.2
21.9	26.8	54.0	53.2	65.2	75.1	83.4	39.5	35.7	27.0	533.7

TOTAL FOR F-16

5/02/21 1743		P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										
AIR CRAFT CLASS NR	MOD	MODIFICATION TITLE										ALL YEARS
		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
EF-111 P-S	99999A	LOW COST SAFETY MODIFICATIONS										
		TOTAL FOR CLASS P-S										.7
EF-111 P	19207B	AN/ALM-204 TEST STATIONS										
	3370	ALQ-99 SIP ENCODER PROCESSOR										
	99999X	LOW COST MODIFICATIONS										
	Z88888	REPROGRAMMINGS										
		TOTAL FOR CLASS P										.7
		TOTAL FOR EF-111										.7

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95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL YEARS
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE										
F-111	P-S	12322A REPLACE FLIGHT CONTROL SYSTEM 99999A LOW COST SAFETY MODIFICATIONS										15.0
		TOTAL FOR CLASS P-S										15.0
F-111	P	12356B F/FB-111 AVIONICS MODERNIZATION PGM Z88888 REPROGRAMMINGS										
		TOTAL FOR CLASS P										
		TOTAL FOR F-111										15.0

5/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL YEARS
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE										
		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
A/T-37 P-S 99999A LOW COST SAFETY MODIFICATIONS												
TOTAL FOR CLASS P-S												
A/T-37 P 99999X LOW COST MODIFICATIONS												
TOTAL FOR CLASS P												
TOTAL FOR A/T-37												

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P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-5	P-S	21107A THRUST REVERSER INDICATING SYSTEM	.6										1.1
		99999A LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S	.6										1.1
C-5	P	14220B MLG/DOOR ACTUATING SYS (R&M)	9.0	1.2	1.5	1.7							13.4
		15203B MADARS REPLACEMENT			9.1	3.4							32.8
		15205B EXPANDED FAN SPEED N1 INDICATOR											.3
		17204B PYLON FIRE SAFETY IMPROVEMENT											9.0
		23121B IMPROVED BOLTING NOZZLE SEAL											
		23185B MAIN FUEL CONTROL RECAM											.1
		23225B REPLACE IFF SYSTEM											
		26110B TF39 ENGINE ANTI-ICE VALVE											
		3150 NAVSTAR GPS											
		3222 MAC C2 SATCOM ANTENNAS	1.1		.2	3.7	3.7	2.7	2.5				12.8
		3234 CROSS WIND LANDING GEAR											1.1
		3455 AIRLIFT DEFENSIVE SYSTEMS	.3										.3
		3456B FLIGHT STATION GALLEY		.4	1.6	3.4	1.2	.8					10.5
		6019 MADARS II MULTIPLEXER PROCESSOR UPGRA	.6										.6
		6030 REDUCED VERTICAL SEPARATION MINIMA											
		6031 THRUST RECOVERY CABIN OUTFLOW DRAIN											
		6032 COMPARTMENT FLOOR CORROSION PREVENTIO											
		6033 INSTALLATION OF NOSE LANDING GEAR DOO											
		6034 TF39 ENGINE VAPOR BARRIER											
		6035 D-SUMP LUBE LINE MODIFICATION											
		6036 SMART ENGINE DIAGNOSTICS								4.1	5.4	5.6	30.4
		6037 TF39 ENGINE HIGH PRESSURE TURBINE								2.7	3.6	3.8	23.8
		6038 AUTOPILOT AND FLIGHT AUGMENTATION								.2	3.4	3.4	14.1
		6039 COCKPIT/COURIER FLOOR STRESS PANEL											
		6046 SATCOM											
		99999E MISC ENGINE UPDATE MODS											
		99999U LOW COST RETROFIT MODS											
		99999X LOW COST MODIFICATIONS											
		T0110B PITCH TRIM MANIFOLD											
		Z88888 REPROGRAMMINGS											

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5/02/21 1743 AIR CRAFT CLASS NR		P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL YEARS
MODIFICATION TITLE		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
TOTAL FOR CLASS P		11.0	1.6	12.4	12.2	4.9	3.5	2.5	7.0	12.4	12.8	149.2
TOTAL FOR C-5		11.6	1.6	12.4	12.2	4.9	3.5	2.5	7.0	12.4	12.8	150.3

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95/02/21 1743		P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET											ALL	
CRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
C-9	P	26165B	REPL FLIGHT DATA RECORDER											.4
		3150	NAVSTAR GPS		.3	.5	.5	.5	.5					2.3
		41090B	C-9 ENGINES											
		4268	MISSION COMMUNICATION SYSTEM UPGRADES	.1	.2									.3
		99999S	SERVICE BULLETINS											
		Z88888	REPROGRAMMINGS											
TOTAL FOR CLASS P				.1	.5	.5	.5	.5	.5					3.0
TOTAL FOR C-9				.1	.5	.5	.5	.5	.5					3.0

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TOTAL FOR CLASS P

TOTAL FOR C-17

95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL	
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
C-21	P 3150	NAVSTAR GPS		.1			.9	1.2	1.3				3.5
		99999S SERVICE BULLETINS											
		TOTAL FOR CLASS P		.1			.9	1.2	1.3				3.5
		TOTAL FOR C-21		.1			.9	1.2	1.3				3.5

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5/02/21 1743 MOD
AIR CRAFT CLASS NR
P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET
MODIFICATION TITLE
FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 ALL
YEARS

C-22 P 99999S SERVICE BULLETINS
Z88888 REPROGRAMMINGS

TOTAL FOR CLASS P

TOTAL FOR C-22

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P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743

AIR	MOD
CRAFT	CLASS
	NR

MODIFICATION TITLE

ALL
YEARS

C-27 P 3455 AIRLIFT DEFENSIVE SYSTEMS
99999S SERVICE BULLETINS

1.

TOTAL FOR CLASS P

$\frac{1}{\sqrt{2}}$	$\frac{1}{\sqrt{2}}$
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TOTAL FOR C-27

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET														
5/02/21 1743		MOD												
AIR		CRAFT CLASS NR		MODIFICATION TITLE										
				FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-137	P	4268	MISSION COMMUNICATION SYSTEM UPGRADES											1.4
		99999S	SERVICE BULLETINS											
		99999X	LOW COST MODIFICATIONS											
				TOTAL FOR CLASS P										1.4
				TOTAL FOR C-137										1.4

1.4

1.4

1.4

P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-141	P-S	99999A LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
C-141	P	13627B AWLS & AUTOPILOT			1.0	3.5	2.7	1.6	1.3	1.0			11.1
		13652B FUEL QUANTITY INDICATING SYSTEM											6.5
		3150 NAVSTAR GPS					.1	1.4	1.4				2.9
		3222 MAC C2 SATCOM ANTENNAS											
		3353 HF AUTO COMM PROCESSOR (ACP)											1.6
		3449 INFRARED COUNTERMEASURES											7.7
		3455 AIRLIFT DEFENSIVE SYSTEMS		1.2	1.4	2.6	1.7	.8					1.6
		6040 ENGINE INSTRUMENT DISPLAY SYSTEM					.4	.6					
		6046 SATCOM											1.1
		62070B STD FLIGHT LOAD RECORDER											2.1
		64092B WEEP HOLE REWORK	2.1										
		8109 ARMOR PLATING											1.1
		99999U LOW COST RETROFIT MODS		1.1									
		99999X LOW COST MODIFICATIONS											
		T8221 APN 169-C ESKE OVERWATER DEFICIENCIES											

TOTAL FOR CLASS P	2.1	2.3	2.4	6.1	4.9	4.4	3.3	1.0	35.7
TOTAL FOR C-141	2.1	2.3	2.4	6.1	4.9	4.4	3.3	1.0	35.7

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743
AIR MOD
CRAFT CLASS NR

MODIFICATION TITLE

[illegible]

95/02/21 1743		P--IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET												ALL YEARS
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
T-3	P	99999X LOW COST MODIFICATIONS												
		TOTAL FOR CLASS P												
		TOTAL FOR T-3												

*** UNCLASSIFIED ***

P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	1996 PRESIDENT'S BUDGET										ALL YEARS
			FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
T-38	P-S	10206A FUS STA 325 BULKHEAD FORMER CHANGEOUT			2.5	12.6							33.2
		14207B COCKPIT ENCLOSURE (PC)	1.2		2.5	2.8							47.7
		19205A BIRD IMPACT RESISTANT WINDSCREEN											2.7
		20104A 66% SPAR STRAP											
		99999A LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S	1.2		5.0	15.4							83.6
T-38	P	6029 AVIONICS UPGRADE						3.0	9.5	9.6	9.2	10.0	46.8
		Z88888 REPROGRAMMINGS											
		TOTAL FOR CLASS P						3.0	9.5	9.6	9.2	10.0	46.8
		TOTAL FOR T-38	1.2		5.0	15.4		3.0	9.5	9.6	9.2	10.0	130.4

95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET											ALL	
AIR	MOD	MODIFICATION TITLE											FY-03	YEARS
CRAFT	CLASS	NR	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
T-41	P	99999X	LOW COST MODIFICATIONS											
			TOTAL FOR CLASS P											
			TOTAL FOR T-41											

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94										ALL YEARS
			FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
T-43	P	3150 NAVSTAR GPS				.2	.2	.2					.6
		4307 COLOR WEATHER RADAR											.5
		99999S SERVICE BULLETINS											
		99999X LOW COST MODIFICATIONS											
TOTAL FOR CLASS P						.2	.2	.2					1.1
TOTAL FOR T-43						.2	.2	.2					1.1

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
KC-10	P-S	99999A LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
KC-10	P	3150 NAVSTAR GPS		.5		4.1	4.1	2.0					10.7
		3351 REFUELING PODS		4.7	.9								11.5
		3353 HF AUTO COMM PROCESSOR (ACP)											
		41008B MISC SERVICE BULLETIN											
		4301 ENGINE VIBRATION MONITORING SYSTEM		1.0	.6	.6	.6	.6					2.8
		6046 SATCOM											
		99999S SERVICE BULLETINS											
		99999X LOW COST MODIFICATIONS											
		Z88888 REPROGRAMMINGS											
		TOTAL FOR CLASS P		5.2	1.9	4.7	4.7	2.6					25.0
		TOTAL FOR KC-10		5.2	1.9	4.7	4.7	2.6					25.0

*** UNCLASSIFIED ***

95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET											ALL
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
C-18	P 3150	NAVSTAR GPS				.1	.1	.1	.1				.4
		99999X LOW COST MODIFICATIONS											
		TOTAL FOR CLASS P				.1	.1	.1	.1				.4
		TOTAL FOR C-18				.1	.1	.1	.1				.4

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743

AIR	MOD
CRAFT	CLASS
	NR

MODIFICATION TITLE

ALL
YEARS

C-20	P	3150 NAVSTAR GPS		.6	.6	1.8
		4268 MISSION COMMUNICATION SYSTEM UPGRADES				1.7
		9999X LOW COST MODIFICATIONS				
		Z88888 REPROGRAMMINGS				

TOTAL FOR CLASS P

TOTAL FOR C-20

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-25	P	3150 NAVSTAR GPS					.1	.1					.2
		4268 MISSION COMMUNICATION SYSTEM UPGRADES	1.3										1.3
		99999S SERVICE BULLETINS											
TOTAL FOR CLASS P			1.3				.1	.1					1.5
TOTAL FOR C-25			1.3				.1	.1					1.5

*** UNCLASSIFIED ***

P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-130	P-S	99999A LOW COST SAFETY MODIFICATIONS											3.4
		T8016S BLEED AIR DUCT RETROFIT											3.4
		TOTAL FOR CLASS P-S	4.4										4.4
C-130	P	10603A FLIGHT DATA RECORDER											1.2
		12603B APQ-122 RADAR REPLACEMENT											52.5
		14515B COMPUTER REPLACEMENT											26.0
		17605B AUTOPILOT/GCAS	.1	1.0	2.2	4.3	12.7	5.1	12.8	14.3			7.1
		18600B ELECTRICAL SYSTEM UPGRADE			.3	3.3	4.4	5.4	9.0	3.6			14.9
		18603B FUEL QTY SYS UPGRADE ON C-130H		1.5		1.2	.5	1.0	1.5				3.4
		3150 NAVSTAR GPS		.8	1.5	3.8	4.0	4.6					.7
		3190 SCNS											1.8
		3222 MAC C2 SATCOM ANTENNAS	.7		.2	.6	.6	.4					.5
		3353 HF AUTO COMM PROCESSOR (ACP)											7.3
		3401 JTIDS TADIL J											.4
		3430 REM OVERHEAD DELIVERY SYS		3.4									4.7
		3455 AIRLIFT DEFENSIVE SYSTEMS		.3									3.2
		3458 ABCCC MODIFICATIONS											3.0
		3587 MICROWAVE LANDING SYS (MLS)											.4
		62151B STROBE LIGHTS			.7	.5							
		67087B LIFE HISTORY RECORDER	.4										
		8109 ARMOR PLATING		.4									
		8293 DUAL LOX CONVERTER											
		99999M MISC SIMULATOR UPDATES											
		99999S SERVICE BULLETINS											
		99999U LOW COST RETROFIT MODS											
		99999X LOW COST MODIFICATIONS											
		ATCALS TRAFFIC CONTROL/APPROACH/LANDING SYST											
		COMPAS COMPASS CALL											
		COMREP C12/N1 COMPASS REPLACEMENT								9.0	7.7	3.2	32.7
		CWREPL CENTER WING REPLACEMENT											57.8
		GENDIS GENERATOR DISCONNECT											
		RADAR APN-59 RADAR REPLACEMENT								.3	10.6	7.9	31.5
		T8220 ALR-69 (RWR)	1.4	1.1						3.7	4.5	2.0	12.7
		T8234 AIRBORNE SINGARS JAM RESISTANT VHF CO								2.3	2.5		4.8
		Z11111 C-130H BIG SAFARI MODS											
		Z88888 REPROGRAMMINGS											

*** UNCLASSIFIED ***

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE											ALL YEARS
			FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
TOTAL FOR CLASS P			7.0	8.5	4.9	13.7	22.2	16.5	23.3	33.2	25.3	13.1	271.0
TOTAL FOR C-130			7.0	8.5	4.9	13.7	22.2	16.5	23.3	33.2	25.3	13.1	274.4

P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743

AIR MOD

CRAFT CLASS NR

MODIFICATION TITLE

ALL YEARS

FY-94

FY-95

FY-96

FY-97

FY-98

FY-99

FY-00

FY-01

FY-02

FY-03

ALL YEARS

C-135 P-S 10408A AERIAL REFUELING PUMP AUTOMATIC SHUTO
99999A LOW COST SAFETY MODIFICATIONS

2.7

TOTAL FOR CLASS P-S

2.7

C-135 P 10402B FUEL SAVINGS ADVISORY SYSTEM (FSAS) .6 .9 1.3 .7 .6 .4.1
13405B REPLACE MC-1 AUTOPILOT .1 .1 .1 .1 .1 .4
16405X SCOPE RELOCATION .2 .2 .2 .2 .2 .4
17403B STANDARD FLIGHT DATA RECORDER .1 .2 .2 .2 .2 .4
2984X NUCLEAR HARDENING .1 .2 .2 .2 .2 .4
3009E C-135 REENGINE 1.5
3009Q C-135 REENGINE .2 .2 .2 .2 .2 .4
3009R C-135 REENGINE .2 .2 .2 .2 .2 .4
3009X AUDIBLE COCKPIT WARNING .2 .2 .2 .2 .2 .4
3009Y RELOCATE S/V BOX .1 .1 .1 .1 .1 .4
3042 STANDARD VHF AM/FM RADIO .3 8.9 7.6 6.4 5.5 5.9 34.6
3150 NAVSTAR GPS .3
3156 PACER LINK PH II .3
3353 HF AUTO COMM PROCESSOR (ACP) 1.5 1.7 1.7 1.8 .4 1.1 9.3
3368 GROUND COLLISION AVOIDANCE SYSTEM
3380 MILSTAR UHF/EHF COMMAND POST UPGRADE
40604B ANTI-COLLISION STROBE LIGHTS
4221 ICRM
4232 OPEN SKIES AIRCRAFT
4263 RIVET JOINT
4264 TACTICAL INFO. BROADCAST SERVICE (TIB
48604B INSTALLATION OF WINDOW EDGE HEATER
99999S SERVICE BULLETINS
99999U LOW COST RETROFIT MODS
99999W OUT OF WARRANTY CONTRACTOR DEFICIENCY
99999X LOW COST MODIFICATIONS
EC8690 SPECKLED TROUT - AIRLINK SATCOM
KC4218 HIGH RELIABILITY MAINT FREE BATTERY
KC4231 MULTIPOINT REFUELING
KC4233 AERIAL REFUELING RECEPTACLES
KC4289 COMPASS REPLACEMENT
KC4290 IMPROVED MAIN LANDING GEAR BRAKE WEAR
KC4291 ARC 190
KC4292 RADAR REPLACMENT & DISPLAY MODERNIZATION

3.5
35.0
18.8
2.5
14.7
2.2
24.5

*** UNCLASSIFIED ***

95/02/21 1743
AIR CRAFT CLASS NR MOD
P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET
MODIFICATION TITLE
ALL YEARS

C-135 P KC4308 KC-135 AVIONICS RELOCATION
Z88888 REPROGRAMMINGS

TOTAL FOR CLASS P

TOTAL FOR C-135

1.1	1.9	3.1	10.3	23.9	22.8	20.1	16.1	11.8	41.3	244.0
1.1	1.9	3.1	10.3	23.9	22.8	20.1	16.1	11.8	41.3	246.7

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

95/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
E-4	P-S 99999A	LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
E-4	P	NAVSTAR GPS			.2	.2	.2						.6
	3150	MILSTAR UHF/EHF COMMAND POST UPGRADE		2.2				.3	.3				3.0
	3380	UNIVERSAL MODEM											.6
	3445	BACKBONE COMMUNICATIONS BUSS						.1	.2				.3
	3500	SHF SATCOM											
	3501	MMRT											
	3505	SERVICE BULLETINS											
	99999S	LOW COST MODIFICATIONS											
	99999X	REPROGRAMMINGS											
	Z88888												

TOTAL FOR CLASS P

2.2	.2	.2	.2	.4	.5		4.5
2.2	.2	.2	.4	.5			4.5

TOTAL FOR E-4

*** UNCLASSIFIED ***

5/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL	
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
H-1	P-S 99999A	LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
H-1	P 3150	NAVSTAR GPS				2.3							2.3
	99999X	LOW COST MODIFICATIONS											
	T8123	FLEXPLATE MAIN DRIVESHAFT				.6							.6
	Z88888	REPROGRAMMINGS											
		TOTAL FOR CLASS P				2.9							2.9
		TOTAL FOR H-1											2.9

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET														ALL
95/02/21 1743		MOD												YEARS
AIR	CRAFT CLASS	NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
MH-60	P	3150	NAVSTAR GPS											.6
		99999S	SERVICE BULLETINS											.6
		99999X	LOW COST MODIFICATIONS	.6										2.3
		DSU	DEFENSIVE SYSTEMS UPGRADE					.4	.3	.8	.8			1.9
		EC/N	ENHANCED COMMUNICATIONS/NAVIGATION					.4	.3	.4	.8			
		FLIR	AN/AAQ-16B FLIR											
		T8130	HH-60G RETROFIT	4.9	.3									5.2
		T8136	UHF SATCOM/ANDVT/DAMA											
		T8171	IMPROVED INTERCOM SYSTEM (ICS)											
		T8179	VHF AM/FM ANTENNA REPLACEMENT/RELOCAT											
		T8196	INFRARED (IR) STROBE LIGHTS											.4
		Z88888	REPROGRAMMINGS											

TOTAL FOR CLASS P

5.5	.3				.8	.6	1.2	1.6	11.0
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TOTAL FOR MH-60

5.5	.3			.8	.6	1.2	1.6	11.0
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P-IN INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
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OTHER AIRCRAFT
C-17 P TACAN TACAN/ADS SOFTWARE BLOCK UPDATE

1.9

KC-10 P SIM-10 SIMULATOR UPGRADE (KC-10)

TOTAL FOR CLASS P

1.9

MULTI P-S 10208A F100/200/220E INLET FAN SAFETY UPGRADE
T6027S FUEL TANK FOR A/M32A-95 LASS
T6075A #1 BEARING OIL TUBE RETAINER TAB DF10

TOTAL FOR CLASS P-S

MULTI P 10611C CARA
12619B APN-59E(V) RADAR IMP
13614B ALE-40 DEFICIENCIES
14212B SUPPORT EQUIPMENT UPGRADE
16620C HF RADIO REPL/ARC190
16630B MAU-12/40/50
18615B AN/ALR-69 SYS IMPROVEMENT

.8

.8
8.0
1.8

C-26 P 3150-C NAVSTAR GPS (C-26)

3.7

E-9 P 3150E9 NAVSTAR GPS (E-9)

.1

MULTI P 3429 A/B SINGGARS AJ COMM
3431 AERP

.6

2.0

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

[illegible]

MULTIP P 3495 TACTICAL SECURE VOICE

MULTI P 40302B RING LASER GYRO
6073A UPGRADE DEEC
6074A UPGRADE EDU

MH-53J P 64201F FLIGHT DATA RECORDER

MULTI P 99999C CLASSIFIED PROJECTS

F-9 P 99999J MISCELLANEOUS LOW COSTS MODS (OTHER)

MULTI P 99999W OUT OF WARRANTY CONTRACTOR DEFICIENCY
99999X LOW COST MODIFICATIONS

F15/F1 P AMWS F15/F16 ADVANCED MISSILE WARNING SYST

MULTI P F15HAR F-15 HARM INTEGRATION
F16MDS F-16 MANNED DESTRUCTIVE SEAD

KC-135 P	SIM-A	SIMULATOR	UPGRADE	- AERO
	SIM-C	SIMULATOR	UPGRADE	- COMPUTER
	SIM-M	SIMULATOR	UPGRADE	- MOTION
	SIM-V	SIMULATOR	UPGRADE	- VISUAL

MULTI/ P	SIM130	SIMULATOR	UPGRADE	(C-130)
	SIM141	SIMULATOR	UPGRADE	(C-141)

*** UNCLASSIFIED ***

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

5/02/21 1743 AIR CRAFT CLASS NR	MOD NR	MODIFICATION TITLE	1996 PRESIDENT'S BUDGET										ALL YEARS
			FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
C-5A/B P	SIM5	SIMULATOR UPGRADE (C-5)									19.8		19.8
VC-25A P	T4268	MCS ENHANCEMENTS											.6
MULTI P	T8136	UHF SATCOM/ANDVT/DAMA											
C5,C14 P	T8174	HF MODERNIZATION											
MULTI P	T8219	HEATER COMBUSTOR ASSY UPGRADE											
	Z88888	REPROGRAMMINGS											
TOTAL FOR CLASS P			1.8		.1	.8	1.6	2.0			20.3		39.0
TOTAL FOR OTHER			1.8		.1	.8	1.6	2.0			20.3		40.9

P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET

[illegible]

95/02/21 1743
AIR MOD
CRAFT CLASS NR

MODIFICATION TITLE

CLASSI P	1001	COMPASS CALL
	1002	RIVET JOINT (CLASSIFIED)
	1005	ADVANCED PROGRAM TECHNOLOGY
	1009	SENIOR YEAR OPS

TOTAL FOR CLASS P

TOTAL FOR CLASSI

*** UNCLASSIFIED ***

95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL	
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE										FY-94	FY-95
												FY-96	FY-97
												FY-98	FY-99
												FY-00	FY-01
												FY-02	FY-03
													YEARS

DARP P 99999D DEFENSE AIRBORNE RECONNAISSANCE OFFIC

TOTAL FOR CLASS P

TOTAL FOR DARP

*** UNCLASSIFIED ***

95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET										ALL
AIR	MOD	MODIFICATION TITLE										YEARS
CRAFT	CLASS	NR	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
TR-1	P	3150	NAVSTAR GPS									
TOTAL FOR CLASS P												
TOTAL FOR TR-1												

*** UNCLASSIFIED ***

5/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET												ALL
AIR CRAFT CLASS	MOD NR	MODIFICATION TITLE												YEARS
		FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03			
C L A S S - P - T O T A L S		60.8		131.8		208.4		242.4	165.7	161.8	144.1	2102.3		
C L A S S - P-S - T O T A L S		2.9	8.1	15.3	20.3	4.3	5.0					227.7		
G R A N D T O T A L		63.7	73.5	147.1	194.8	212.7	245.4	242.4	165.7	161.8	144.1	2330.0		

UNCLASSIFIED
FOR OFFICIAL USE ONLY

SECTION 3
P-1 LINE ITEM DETAIL

UNCLASSIFIED
FOR OFFICIAL USE ONLY

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: B-2A					
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$ 21.890	\$63.982	\$17.286	\$5.640	\$6.139	\$4.559	\$7.683	\$7.684		

This line item funds modifications to the B-2 aircraft. The B-2 is a multi-engine, long range bomber incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets. The overall goal of the modifications budgeted in **FY96** is to standardize aircraft configuration essentially resulting in 20 "Block 30" B-2 aircraft. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
CONTRAIL MANAGEMENT, MN-110001
PE 11127F
MODELS OF AIRCRAFT AFFECTED B-2

DESCRIPTION/JUSTIFICATION: CONTRAIL MGT SYS CONSISTS OF A UNIQUE SET OF INTEGRATED TECHNOLOGIES FOR THE WEAPON SYSTEM TO ENHANCE ITS SURVIVABILITY, & IS PROVIDED TO SUPPORT OPERATIONAL RQMTS OF THE USER. THIS MOD IS 1 OF 9 INTEGRAL MODS ESSENTIAL TO B-2 BASELINE AIRCRAFT. APRIL 91 4-STAR SUMMIT ESTABLISHED CONFIGURATION; SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. DELETING THESE MODS WILL DEGRADE BASELINE CAPABILITY.

DEVELOPMENT STATUS: PRELIMINARY DESIGN REVIEW COMPLETE. CRITICAL DESIGN COMPLETED NOV 94.
FLIGHT TEST SCHEDULED TO BEGIN FEB 96.

PROJECTED FINANCIAL PLAN	PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RT&E (3600)		2.0			15.4			18.4			6.0			2.9			.9	
PROCUREMENT (3010)																		
INSTALL KITS				5	1.0					8	1.6							
KITS NONRECUR					.2						.2							
EQUIPMENT				(5)	4.4					(8)	6.1							
EQUIP NONREC					.9						1.2							
CHANGE ORDERS																		
DATA					.4						.8							
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE										(3)	.4		(2)	.3		(4)	.5	
FY95 5 KITS													(1)	.1				
FY96 8 KITS													3	.4		4	.5	
TOTAL INSTALL COST																		
TOTAL COST (BP-1100)				5	6.9					8	10.3			.4			.5	

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-2 110001 CONTRAIL MANAGEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP QTY	TOTAL	
	QTY	AMT	QTY	AMT		QTY	AMT
RD1&E (3600)							45.6
PROCUREMENT (3010)						13	2.6
INSTALL KITS							.4
KITS NONRECUR							10.5
EQUIPMENT							2.1
EQUIP NONREC							1.2
CHANGE ORDERS							
DATA							
SIM/TRAINER							
SUPPORT-EQUIP							
INSTALLATION OF HARDWARE							
FY95 5 KITS	(3)	.4			(5)		.7
FY96 8 KITS	3	.4			(8)		1.0
TOTAL INSTALL COST					13		1.7
TOTAL COST (BP-1100)					13		18.5

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

	FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:														
QUARTERS	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT	2	2	1	1	1	1	1	1	1	1	1	1	2	2
OUTPUT														

	FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:								
QUARTERS	2	3	4	1	2	3	4	1
INPUT	2	2	1	1	1	1	1	2
OUTPUT	1	2	1					

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO EMD ENGINES RETROFIT, MN-110003
MODELS OF AIRCRAFT AFFECTED B-2
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 11127F

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION BRINGS 31 EMD ENGINES TO BLOCK 30 CONFIGURATION. THIS
INCLUDES RETROFITTING THE DRAIN SYSTEM, LOW PRESSURE TURBINE SEALS, MONITORING SYSTEM
PROCESSORS, DE-ICE VALVES, AND SLAT BLEED SYSTEM.

DEVELOPMENT STATUS: NONE REQUIRED.

PROJECTED FINANCIAL PLAN				FY-94				FY-95				FY-96				FY-97				FY-98			
PRIOR				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				N/A																			

PROCUREMENT (3010)																							
INSTALL KITS																							
KITS NONRECUR																							
EQUIPMENT																							
EQUIP NONREC																							
CHANGE ORDERS																							
DATA																							
SIM/TRAINER																							
SUPPORT-EQUIP																							
OGC																							
INSTALLATION OF HARDWARE																							
FY96 6 KITS																							
FY97 5 KITS																							
FY98 8 KITS																							
TOTAL INSTALL COST																							
TOTAL COST (BP-1100)																							

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 9 MONTHS FOLLOW-ON LEAD TIME -- 9 MONTHS

FACT SHEET: B-2 110003 EMD ENGINES RETROFIT
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR					19	3.1		
EQUIPMENT						.9		
EQUIP NONREC						.4		
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY96 6 KITS					(6)	1.0		
FY97 5 KITS					(5)	.8		
FY98 8 KITS					(8)	1.3		
TOTAL INSTALL COST					19	3.1		
TOTAL COST (BP-1100)					19	7.5		

MILESTONES:

	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):	2/96	1/97	1/98	
DELIVERY-DATE (QTR/FY):	4/96	3/97	3/98	

INSTALLATION SCHEDULE:

QUARTERS	FY-96	FY-97	FY-98	FY-99
INPUT	1 2 3 4 6	1 2 3 4 6	1 2 3 4 5	1 2 3 4 5
OUTPUT				

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MILSTAR UHF, MN-110005
MODELS OF AIRCRAFT AFFECTED B-2
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 11127F

DESCRIPTION/JUSTIFICATION: INTEGRATION OF MILITARY STRATEGIC-TACTICAL & RELAY (MILSTAR) ULTRA HIGH FREQUENCY (UHF) MODE (IIR) INTO AF SATELLITE COMMUNICATIONS (AFSATCOM) SUBSYSTEM WILL PROVIDE CAPABILITY FOR ENHANCED SURVIVABILITY COMMUNICATIONS. THE CAPABILITY IS REQUIRED AS MILSTAR WILL BE PRIMARY SATELLITE LINK FOR WORLDWIDE CONNECTIVITY WITH THE NAT'L COMMAND AUTHORITY FOR COMMAND & CONTROL. KITS ARE BOUGHT OUT IN FY95 AS ANY OTHER METHOD WILL INCREASE PRICE 15-20%. THIS MOD IS 1 OF 9 MODS ESSENTIAL TO B-2 BASELINE ACFT. APR 91 4-STAR SUMMIT ESTAB'D CONFIGURATION; SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. DELETING ANY OF THESE 9 MOD LINES DEGRADES BLOCK 30 BASELINE CAPABILITY & PLANNED CONFIGURATION.

DEVELOPMENT STATUS: CRITICAL DESIGN REVIEW WILL BE COMPLETED JUN 95. QUALIFICATION TESTS DEC 95. GROUND/FLIGHT JUL 96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)	3.5			11.5		9.5		4.8		.8		1.0
PROCUREMENT (3010)												
INSTALL KITS		2		.2		11		1.1				
KITS NONRECUR				.1				.2				
EQUIPMENT		(2)		1.4		(11)		7.2				
EQUIP NONREC				.1				.7				
CHANGE ORDERS												
DATA				.2				.8				
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES								4.7				
INSTALLATION OF HARDWARE												
FY94 2 KITS							(2)	.1				
FY95 11 KITS						(1)	.1	(3)	.2	(4)		.2
TOTAL INSTALL COST						3	.2	3	.2	4		.2
TOTAL COST (BP-1100)		2		2.0		11		14.7		.2		.2

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ZSR-63 - BAND 4, MN-110006
MODELS OF AIRCRAFT AFFECTED B-2
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 11127F

DESCRIPTION/JUSTIFICATION: ADDS THE BAND 4 FREQUENCY EXTENSION TO THE EXISTING ZSR-63 RADAR WARNING RECEIVER TO ACCOMPLISH THREAT EMITTER DETECTION, IDENTIFICATION AND LOCATION. PROCURING ALL 13 KITS AT ONE TIME (W/ STORAGE COST INCLUDED) WILL SAVE \$20M+, & REDUCES HARDWARE/SOFTWARE RISKS DUE TO HIGH PERCENTAGE OF COMMONALITY TO OTHER MODS TAKING PLACE IN THE DEFENSIVE MGT SUITE. THIS MOD IS 1 OF 9 INTEGRAL MODS ESSENTIAL TO B-2 BASELINE ACFT. THE CONFIGURATION ESTABLISHED DURING APR 91 4-STAR SUMMIT & SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. (DELETING ANY OF THESE 9 MOD LINES DEGRADES BLOCK 30 BASELINE CAPABILITY AND PLANNED AIRCRAFT CONFIGURATION.

DEVELOPMENT STATUS: QUALIFICATION TESTING TO BE COMPLETED NOV 95. FLIGHT TEST FEB-MAY 96.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)		15.0		35.5		28.0		25.0		
PROCUREMENT (3010)										
INSTALL KITS			13	9.1						
KITS NONRECUR				.9						
EQUIPMENT			(13)	16.6						
EQUIP NONREC				1.7						
CHANGE ORDERS				1.0						
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY95 13 KITS					(3)	.9	(3)	.9	(4)	1.2
TOTAL INSTALL COST										
					3	.9	3	.9	4	1.2
TOTAL COST (BP-1100)			13	29.3		.9		.9		1.2

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-2 110006 ZSR-63 - BAND 4
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)								103.5
PROCUREMENT (3010)							13	9.1
INSTALL KITS								.9
KITS NONRECUR								16.6
EQUIPMENT								1.7
EQUIP NONREC								1.0
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY95 13 KITS	(3)	.9			(	13)		3.9
TOTAL INSTALL COST	3	.9					13	3.9
TOTAL COST (BP-1100)		.9					13	33.2

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

2/95
4/96

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

	FY-96	FY-97	FY-98	FY-99	FY-00
	2	3	4	1	4
	1	2	3	2	3
	1	1	1	1	2
	1	1	1	2	1

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

	FY-00	FY-01	FY-02
	2	3	4
	1	2	1
	1	2	1

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO DISK DRIVE UNIT (DDU), MN-110008
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED B-2

PE 11127F

DESCRIPTION/JUSTIFICATION: THE DDU IS A CONSOLE-MOUNTED RADIATION HARDENED DATA STORAGE SYS BASED ON MAGNETO-OPTIC READ/WRITE STORAGE TECH. IT REPLACES THE MISSION DATA ENTRY UNIT (MDEU) TO TAKE ADVANTAGE OF SIGNIFICANTLY ADVANCED TECH, GREATER STORAGE CAPACITY, & FASTER ACCESS W/SAME OR REDUCED SIZE CARTRIDGES. A 3-4 YEAR PHASING OF KITS PURCHASES WILL RESULT IN A 40% COST INCREASE AND CAUSE EXTENSIVE TIME DELAYS DUE TO REQUALIFICATION REQUIREMENTS.

DEVELOPMENT STATUS: FY95 & FY96 R&D IS FOR ONBOARD TESTING AND WILL NOT AFFECT DESIGN CONFIGURATION. THIS MOD IS ONE OF 9 INTEGRAL MODS ESSENTIAL TO THE B-2 BASELINE ACFT. THIS CONFIGURATION WAS ESTAB'D DURING THE APR 91 FOUR STAR SUMMIT & SECAP APPROVED SUBSEQUENT PROCUREMENT STRATEGY. DELETING ANY OF THESE 9 MOD LINES DEGRADES BLOCK 30 BASELINE CAPABILITY & PLANNED AIRCRAFT CONFIGURATION.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)	15.4			14.9		12.9		2.7				

PROCUREMENT (3010)

INSTALL KITS	5	1.4	8	2.0								
KITS NONRECUR		.1		.1								
EQUIPMENT	(5)	5.8	(8)	4.4								
EQUIP NONREC		.6		.4								
CHANGE ORDERS		.7										
DATA												
SIM/TRAINER		.3		.7								
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE					(3)	.3	(2)	.2	(1)	.1	(4)	.4
FY94 5 KITS												
FY95 8 KITS												

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 24 MONTHS FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET; B-2 110008 DISK DRIVE UNIT (DDU)
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS					13		13	3.4
KITS NONRECUR								.2
EQUIPMENT								10.2
EQUIP NONREC								1.0
CHANGE ORDERS								.7
DATA								
SIM/TRAINER								1.0
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 5 KITS	(3)					(5)	(5)	.5
FY95 8 KITS		.3				(8)	(8)	.8
TOTAL INSTALL COST	3	.3					13	1.3
TOTAL COST (BP-1100)		.3					13	17.8

MILESTONES:		FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):											
DELIVERY-DATE (QTR/FY):				2/94	1/95						
				2/96	2/97						
INSTALLATION SCHEDULE:		FY-96		FY-97		FY-98		FY-99			
QUARTERS	1	2	4	2	4	2	4	2	4		
INPUT		2	1	1	1	1	1	2			
OUTPUT					1	1	2	1	2		
INSTALLATION SCHEDULE:		FY-00									
QUARTERS	1	2	4								
INPUT											
OUTPUT		1	1								

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO GPS-AIDED TARGETING SYSTEM, MN-110010
MODELS OF AIRCRAFT AFFECTED B-2

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 11127F

DESCRIPTION/JUSTIFICATION: GPS-AIDED TARGETING SYSTEM CONSISTS OF MODIFYING THE TARGETING SYSTEM IN THE B-2 AIRCRAFT TO PROVIDE THE CAPABILITY TO PERFORM TARGETING FUNCTIONS TO ACHIEVE GPS-AIDED TARGETING SYSTEM ACCURACIES. THE B-2 WEAPON SYSTEM MUST HAVE THE CAPABILITY TO CARRY, CONTROL, AND RELEASE A GPS-AIDED MUNITION AND THE CAPABILITY TO PERFORM THE TARGETING FUNCTIONS REQUIRED TO ACHIEVE GPS-AIDED TARGETING SYSTEM ACCURACIES.

DEVELOPMENT STATUS: DEVELOPMENT IS ON TRACK. AVIONICS FLYING TEST BED ESTABLISHED IN NOV 94.
FLIGHT TEST PLANNED TO OCCUR BETWEEN APR 95 AND JAN 96.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)				55.7		23.1		7.1		1.3		
PROCUREMENT (3010)												
INSTALL KITS			10	.2								
KITS NONREC				.1								
EQUIPMENT			(10)	2.6								
EQUIP NONREC				.3								
CHANGE ORDERS				.1								
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES				.9								
INSTALLATION OF HARDWARE												
FY95 10 KITS					(6)	.2	(4)	.2				
TOTAL INSTALL COST					6	.2	4	.2				
TOTAL COST (BP-1100)			10	4.2		.2		.2				
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY FOLLOW-ON LEAD TIME -- 18 MONTHS												
INITIAL LEAD TIME -- 18 MONTHS												

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-2 110010 GPS-AIDED TARGETING SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
-----		-----		-----	
				87.2	

RD1&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY95 10 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94	FY-95	FY-96	FY-97	FY-98
-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY): 1/95
DELIVERY-DATE (QTR/FY): 3/96

FY-96		FY-97		FY-98			
QUARTERS		QUARTERS		QUARTERS			
1	2	3	4	1	2	3	4
INPUT	4	2	3	1	2	1	1
OUTPUT		2	2	2	1	1	1

FACT SHEET; B-2 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
						31.9
					10	1.0
						.1
						7.6
						.7
						1.0
						.5
					(6)	1.4
					(4)	.9
					10	2.3
					10	13.2

RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY94 6 KITS
FY95 4 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):		1/95	2/95		
DELIVERY-DATE (QTR/FY):		3/96	4/96		

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98
QUARTERS	2 3 4	2 3 4	2 3 4
INPUT	1 2 3	1 2 3	1 2 3
OUTPUT	1 2 3	1 2 3	1 2 3

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: B-1										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$29.008	\$40.298	\$75.383	\$133.911	\$114.358	\$105.941	75.375	\$21.649		

This line item funds modifications to the B-1B aircraft. The B-1 is a multi-engine, supersonic, long range bomber capable of delivering nuclear or conventional munitions. The overall goal of the modifications budgeted in FY96 is to increase conventional weapons capabilities and improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST ITEM NO. 21	PAGE NO.	110
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE MODIFICATION TITLE AND NO AFT DC POWER UPGRADE, MN-10407A
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC B-1 CLASS P-S

PE 11126F

MODELS OF AIRCRAFT AFFECTED B-1B

DESCRIPTION/JUSTIFICATION: B-1 AIRCRAFT PERIODICALLY EXPERIENCE ELECTRICAL BUSS FAILURE AND SUBSEQUENT RAPID DISCHARGE OF AFT BATTERY, WHICH RESULTS IN A SAFETY OF FLIGHT CONDITION. THE ACFT REQUIRES MODIFICATION TO PROVIDE REDUNDANT POWER TO THE AFT AND FWD DC POWER BUSES & REPLACEMENT OF THE CURRENT NI-CAD BATTERY WHICH HAS LOW RELIABILITY. AIRCRAFT: 82 ACTIVE; 13 ANG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR			FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	11	2.8	23	2.2	23	2.0	23	2.0	15	1.7		
KITS NONRECUR		.7										
EQUIPMENT	(11)	2.5	(23)	.8	(23)	.7	(23)	.8	(15)	.6		
EQUIP NONREC		1.6										
CHANGE ORDERS												
DATA		.6		.1		.1		.1		.1		
SIM/TRAINER		4.8										
SUPPORT-EQUIP		1.0										
MOD OF SPARES	(19)	.4		.1		.1		.1		.1		
INSTALLATION OF HARDWARE												
FY94 11 KITS			(3)	.7	(8)	1.5						
FY95 23 KITS					(15)	2.6	(8)	1.4	(8)	1.6		
FY96 23 KITS							(15)	2.7	(15)	2.7		
FY97 23 KITS												
FY98 15 KITS												

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: B-1 10407A AFT DC POWER UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							95	10.7
INSTALL KITS								.7
KITS NONRECUR								5.4
EQUIPMENT								1.6
EQUIP NONREC								2.1
CHANGE ORDERS								4.8
DATA								1.0
SIM/TRAINER								.8
SUPPORT-EQUIP								2.2
MOD OF SPARES								4.0
INSTALLATION OF HARDWARE								4.3
FY94 11 KITS					(11)			2.2
FY95 23 KITS					(23)			4.0
FY96 23 KITS					(23)			4.3
FY97 23 KITS					(23)			4.6
FY98 15 KITS	(8)	1.9			(15)			3.1
	(15)	3.1						
TOTAL INSTALL COST	23	5.0					95	18.2
TOTAL COST (BP-1100)		5.0		1.1			95	45.3

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 MODIFICATION TITLE AND NO NAVSTAR GPS - COMM UPGRADE (A/J RADIO) , MN-3150-R CLC B-1 CLASS P
 MODELS OF AIRCRAFT AFFECTED B-1
 PE 11126F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, 3-DIMENSIONAL POSITION, VELOCITY, & TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. WITH THIS MOD, THE B-1 WILL GAIN IMPROVED NAVIGATION & WEAPON DELIVERY ACCURACIES & PROVIDE REQUIRED INTERFACE FOR GPS-AIDED MUNITIONS SUCH AS JDAM & JSOW. GPS KITS SHARE COMPONENTS WITH THE COMM UPGRADE (ANTI-JAM RADIO), & ARE PRICED AS SINGLE INSTALLS. THE COMM UPGRADE PORTION OF THIS MOD INSTALLS ANTI-JAM UHF/VHF RADIOS W/SATCOM CAPABILITY, THUS ALLOWING THE ACFT TO COMMUNICATE WITH THEIR FORCE PACKAGES WHEN OPERATING IN HOSTILE AIRSPACE.

DEVELOPMENT STATUS: CONTRACTOR EMD BEGAN 4TH QTR FY93. AIRCRAFT: 82 ACTIVE; 13 ANG.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)		20.1		14.6		29.2		61.2		19.3		
PROCUREMENT (3010)												
INSTALL KITS					1		1.1		36	18.3	58	30.4
KITS NONRECUR												
EQUIPMENT					(1)		1.1		(36)	17.1	(58)	25.4
EQUIP NONREC							1.3					
CHANGE ORDERS												
DATA										1.3		
SIM/TRAINER										1.7		
SUPPORT-EQUIP										6.2		
INSTALLATION OF HARDWARE												10.0
FY96 1 KIT											(1)	.3
FY97 36 KITS												
FY98 58 KITS												
TOTAL INSTALL COST											1	.3

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 18 MONTHS
 FOLLOW-ON LEAD TIME -- 18 MONTHS

FACT SHEET: B-1 3150-R NAVSTAR GPS - COMM UPGRADE (A/J RADIO) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								144.4
PROCUREMENT (3010)							95	49.8
INSTALL KITS								
KITS NONRECUR								43.6
EQUIPMENT								1.3
EQUIP NONREC								1.3
CHANGE ORDERS								1.7
DATA								16.2
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY96 1 KIT	(36)	12.4			(1)			.3
FY97 36 KITS	(6)	2.1	(52)	17.9	(36)			12.4
FY98 58 KITS					(58)			20.0
TOTAL INSTALL COST	42	14.5	52	17.9			95	32.7
TOTAL COST (BP-1100)		14.5		17.9			95	146.6

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):				2/96	4/97	2/98			
DELIVERY-DATE (QTR/FY):				4/97	2/99	4/99			

INSTALLATION SCHEDULE:

	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09	FY-10	FY-11	FY-12
QUARTERS	2	3	4	1	2	3	4	1	2	3	4				
INPUT	1				6	18	18	18	18	18	16				
OUTPUT			1			6	18	18	18	18	16				

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO JDM/1760 CONVENTIONAL ENHANCEMENTS, MN-4253
MODELS OF AIRCRAFT AFFECTED B-1B
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 11126F
DESCRIPTION/JUSTIFICATION: MODIFICATION PROCURES 126 LAUNCHER KITS TO INTEGRATE JOINT DIRECT ATTACK MUNITIONS (JDAM). THIS MOD WILL REDUCE FUTURE WEAPONS INTEGRATION COST BY INSTALLING MIL-STD 1760 EQUIPMENT ON THE B-1B. JDAM IS THE FIRST MIL-STD 1760 WEAPON PLANNED FOR THE B-1, WHICH WILL ALSO INTEGRATE FUTURE 1760 WEAPONS. THE FIRST THREE KITS WILL BE TRIAL INSTALLS AND KIT-PROOFS; THE REMAINING 123 KITS WILL BE DELIVERED TO ACC TO MODIFY THE 123 EXISTING LAUNCHERS IN THE AIR FORCE INVENTORY. AIRCRAFT: 82 ACTIVE; 13 ANG.

DEVELOPMENT STATUS: EMD STARTS IN FY95.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)				24.6		68.2		52.6		52.9		
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 21 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

FACT SHEET; B-1 4253
PROJECTED FINANCIAL PLAN

JDAM/1760 CONVENTIONAL ENHANCEMENTS
(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
---	---	---	---
			222.2

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF

123	61.5	5.2
	3.5	11.5
		3.5

TOTAL INSTALL COST

TOTAL COST (BP-1100)

57 36.8

MILESTONES:

QUESTIONS:		FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):			3/96			1/99	1/00
DELIVERY-DATE (QTR/FY):			2/98			3/00	3/01

INSTALLATION SCHEDULE:

QUARTERS	INPUT	OUTPUT
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

*** UNCLASSIFIED ***

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO FLAP/SLAT CONTROLLER, MN-4295

CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: HISTORICALLY, THE FLAP/SLAT SYSTEM HAS BEEN SUSCEPTIBLE TO LOCKUP FROM A SECOND PILOT COMMAND AS THE SURFACE APPROACHES ITS INITIAL COMMANDED POSITION. A REDESIGN TO EXTEND DISENGAGEMENT SAMPLE TIME ALLOWS RAPID COMMAND REVERSALS OF THE FLAP/SLAT CONTROL HANDLE BACK THROUGH THE FLAP/SLAT DETECTOR PRIOR TO SURFACES REACHING THE ORIGINAL COMMANDED POSITION, AND ALLOWS COMMANDS DURING SURFACE TRANSITION BRAKE ENGAGEMENT/RELEASE SEQUENCE TO PREVENT LOCK-UP.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-95	FY-96	FY-97	FY-98	FY-99
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

95	6.3
	2.8

.8

TOTAL INSTALL COST

TOTAL COST (BP-1100)

95 9.9

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: B-1 4295 FLAP/SLAT CONTROLLER
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							95	6.3
KITS NONRECUR								2.8
EQUIPMENT								
EQUIP NONREC								.8
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)							95	9.9

MILESTONES:

FY-97

CONTRACT-DATE (QTR/FY): 2/97
DELIVERY-DATE (QTR/FY): 2/98

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

FY 1996 PRE

CLC B-1 CLASS P

MODIFICATION TITLE AND NO SPOILER CONTROL, MN-4296

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: WHEN A SHORT OR OPEN CIRCUIT OCCURS IN THE ACTUATOR OR AIRCRAFT WIRING IT MAY CAUSE THE MOTOR DRIVE ASSEMBLY IN THE SPOILER CONTROLLER TO BURN OUT DUE TO CURRENT OVERLOAD. A REDESIGN OF THE MOTOR DRIVE ASSEMBLY WILL PROVIDE COVER PROTECTION TO THE MOTOR DRIVE ASSEMBLY. AIRCRAFT: 83 ACTIVE; 13 ANG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR			FY-95		FY-96		FY-97		FY-98		FY-99	
QTY	AMT		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					1	.1	39	3.6	55	5.2
KITS NONRECUR						2.5		1.2		
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA						.5		.4		

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)

FACT SHEET: B-1 4296 SPOILER CONTROL
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS					95	8.9
KITS NONRECUR						3.7
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						.9
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST						
TOTAL COST (BP-1100)					95	13.5

MILESTONES:

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):	2/97	1/98	1/99	
DELIVERY-DATE (QTR/FY):	2/98	1/99	1/00	

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO GENERATOR CONTROL UNIT REDESIGN, MN-4298
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: THE ELECTRICAL POWER GENERATOR & DISTRIBUTION SYS GENERATES & DISTRIBUTES AC/DC POWER & PROVIDES CONTROL, MONITOR & PROTECTION FUNCTIONS. THE GENERATOR CONTROL UNIT (GCU) CONTROLS A REGULATOR THAT PROVIDES +15 VDC FOR 9 OF 10 PRINTED WIRE ASSEMBLY (PWA) BOARDS IN THE GUC. LOSS OF THIS REGULATOR RESULTS IN LOSS OF PROPER MONITORING & PROTECTION. THIS WILL ULTIMATELY RESULT IN DEGRADED PRIMARY AC BUS VOLTAGE WHICH DEGRADES ACFT SYS PERFORMANCE & COULD JEOPARDIZE SAFETY OF ACFT & CREW. A REDESIGNED CIRCUIT WOULD PROVIDE AN AUTOMATIC TRIP OF THE GENERATOR LINE CONTACTOR (GLC) IN EVENT OF LOSS OF THE +15 VDC SUPPLY. IMPLEMENTATION OF THIS CIRCUIT WOULD ELIMINATE THE AFOREMENTIONED PROBLEMS. AIRCRAFT: 83 ACTIVE; 12 ANG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR		1	.1	89	9.5
EQUIPMENT			1.6		1.6
EQUIP NONREC					
CHANGE ORDERS				.9	.6
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION --- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO GENERATOR CONTROL UNIT REDESIGN, MN-4298
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: THE ELECTRICAL POWER GENERATOR & DISTRIBUTION SYS GENERATES & DISTRIBUTES AC/DC POWER & PROVIDES CONTROL, MONITOR & PROTECTION FUNCTIONS. THE GENERATOR CONTROL UNIT (GCU) CONTROLS A REGULATOR THAT PROVIDES +15 VDC FOR 9 OF 10 PRINTED WIRE ASSEMBLY (PWA) BOARDS IN THE GUC. LOSS OF THIS REGULATOR RESULTS IN LOSS OF PROPER MONITORING & PROTECTION. THIS WILL ULTIMATELY RESULT IN DEGRADED PRIMARY AC BUS VOLTAGE WHICH DEGRADES ACFT SYS PERFORMANCE & COULD JEOPARDIZE SAFETY OF ACFT & CREW. A REDESIGNED CIRCUIT WOULD PROVIDE AN AUTOMATIC TRIP OF THE GENERATOR LINE CONTACTOR (GLC) IN EVENT OF LOSS OF THE +15 VDC SUPPLY. IMPLEMENTATION OF THIS CIRCUIT WOULD ELIMINATE THE AFOREMENTIONED PROBLEMS. AIRCRAFT: 83 ACTIVE; 12 ANG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

1	.1	.1	89	9.5	5
	1.6			1.6	
				.9	.6

TOTAL INSTALL COST

TOTAL COST (BP-1100)

1	1.7	89	12.0	5	1.2
---	-----	----	------	---	-----

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

(CONTINUED)

FACT SHEET: B-1 4298
PROJECTED FINANCIAL PLAN
GENERATOR CONTROL UNIT REDESIGN
(CONTINUED)

				TO COMP		TOTAL	
				QTY	AMT	QTY	AMT

				FY-99	FY-00		
				QTY	AMT	QTY	AMT
RD1&E (3600) N/A				-----			
PROCUREMENT (3010)							
INSTALL KITS						95	10.2
KITS NONRECUR							3.2
EQUIPMENT							
EQUIP NONREC							
CHANGE ORDERS							1.5
DATA							
SIM/TRAINER							
SUPPORT-EQUIP							
INSTALLATION OF HARDWARE							
TOTAL INSTALL COST				-----			
TOTAL COST (BP-1100)						95	14.9

MILESTONES:

	FY-96	FY-97	FY-98
	-----	-----	-----
CONTRACT-DATE (QTR/FY):	2/96	2/97	2/98
DELIVERY-DATE (QTR/FY):	2/97	1/98	1/99

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 11126F

DESCRIPTION/JUSTIFICATION: MODIFICATION PROCURES 50 KITS TO CONVERT THE EXISTING MK-82, 28 STATION
CONVENTIONAL BOMB MODULE TO CARRY TEN 1000 POUND CLASS WEAPONS, OF VARIOUS SIZES, TO INCLUDE
CLUSTER BOMB UNITS (CBU). THIS EFFORT ALLOWS FOR CERTIFICATION OF CBU 87, 89 AND 97 MUNITIONS
AND ALLOWS FOR TECH ORDER CONVERSION AND RECONVERSION BETWEEN THE 28 AND 10 STATION MODULE
CONFIGURATIONS.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT (FSD) STARTED IN FY93 AND WILL BE COMPLETED IN SEP 95.

PROJECTED FINANCIAL PLAN													
PRIOR				FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				9.0	11.8	13.0							
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY95 10 KITS													
FY96 40 KITS													
TOTAL INSTALL COST													
TOTAL COST (BP-1100)													

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 4300 CONVENTIONAL BOMB MODULE CONVERSION
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----
						33.8

ROD&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY95 10 KITS
FY96 40 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97
	-----	-----	-----	-----	-----
CONTRACT-DATE (QTR/FY):			3/95	1/96	
DELIVERY-DATE (QTR/FY):			3/96	1/97	

INSTALLATION SCHEDULE:

	FY-96	FY-97
QUARTERS	2	3
INPUT	1	10
OUTPUT	1	10

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO SIMULATOR UPDATES, MN-5047
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION PROVIDES VISUAL AND COMPUTATIONAL UPDATES TO THE TRAINING SYSTEM. THE VISUAL EFFORT IS BEING ACCOMPLISHED THRU AN AIR COMBAT COMMAND (ACC) PROGRAM CALLED INTEROPERABLE VISUALS/SENSORS FOR ACC (IVACC). FY93/94 FUNDS PURCHASE OFF-THE-SHELF EQUIPMENT TO SUPPORT THE VISUAL SENSOR SIMULATION (VSS) SYSTEMS FOR FOUR WEAPON SYSTEM TRAINERS (WST), PLUS TRAINING SUPPORT CENTER (TSC) DATABASE UTILIZATION CAPABILITY. CONTRACT CHANGES FOR ONE WST AND TWO MISSION TRAINERS (MT) WILL BE EXERCISED IN FY95. FY96 FUNDS WILL BE USED FOR A COMPUTATIONAL SYSTEM UPGRADE TO EXPAND MEMORY AND SPARE TIME WHICH MUST BE COMPLETE BEFORE THE TRAINING SYSTEM CAN BE MODIFIED TO MEET PHASE III AIRCRAFT CONVENTIONAL UPGRADES.

DEVELOPMENT STATUS: NO DEVELOPMENT. AIRCRAFT: 83 ACTIVE; 12 ANG.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

2.6 10.5 6.9 5.4

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2.6 10.5 6.9 5.4

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 5047
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

25.4

TOTAL INSTALL COST

TOTAL COST (BP-1100)

25.4

MILESTONES:

FY-93	FY-94	FY-95	FY-96
2/94	2/94		
3/95	3/95		

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
MODIFICATION TITLE AND NO BAND 5 AFT TRANSMITTER HVPS, MN-5049 CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B PE 11126F

DESCRIPTION/JUSTIFICATION: CORRECTS MARGINAL CIRCUITS IN THE HIGH VOLTAGE POWER SUPPLY (HVPS) INVERTER, HEATER INVERTER, HIGH VOLTAGE CAPACITORS, FEEDBACK CIRCUIT, HIGH VOLTAGE CONNECTORS/ CABLES AND TRANSFORMERS. THE CORRECTION OF THESE MARGINAL CIRCUITS WILL PROVIDE AN ESTIMATED 20-25% IMPROVEMENT IN THE HVPS MTBF REDUCING THE HIGH VOLTAGE FAILURES AND REDUCING HEAT BUILD-UP. MODIFICATION WILL BE ACCOMPLISHED ON HVPS AS LRUS ARE SENT TO DEPOT FOR REPAIR. QUANTITIES ARE FOR 95 AIRCRAFT LRUS PLUS 32 SPARE LRUS TOTALING 127. AIRCRAFT: 83 ACTIVE; 13 ANG.

DEVELOPMENT STATUS: ENGINEERING STARTS FY95.

PROJECTED FINANCIAL PLAN

PRIOR		FY-95		FY-96		FY-97		FY-98		FY-99	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

7.0

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY97 27 KITS
FY98 16 KITS
FY99 52 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 5049 BAND 5 AFT TRANSMITTER HVPS
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP	TOTAL
QTY	QTY
AMT	AMT
-----	-----
	7.0

FY-00		FY-01	
QTY	AMT	QTY	AMT
-----	-----	-----	-----

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES

INSTALLATION OF HARDWARE

FY97 27 KITS
FY98 16 KITS
FY99 52 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

(27)	1.6
(16)	.4
(52)	.2
-----	-----
95	1.2
95	7.9

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-95		FY-97		FY-98		FY-99		FY-00		FY-01	
QTR	FY	QTR	FY	QTR	FY	QTR	FY	QTR	FY	QTR	FY
1	2	1	2	1	2	1	2	1	2	1	2
3	4	3	4	3	4	3	4	3	4	3	4
13	14	13	14	13	14	13	14	13	14	13	14
INPUT		INPUT		INPUT		INPUT		INPUT		INPUT	
OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO INTERFEROMETER RCVR BAND REJECT FILTERS , MN-5051 CLC B-1 CLASS P
MODELS OF AIRCRAFT AFFECTED B-1B PE 11126F
DESCRIPTION/JUSTIFICATION: BAND 4/5 BAND REJECT FILTERS ARE REQUIRED TO PREVENT SATURATION OF THE INPUT RF AMPLIFIERS WITHIN THE INTERFEROMETER RECEIVER BY TAIL WARNING FUNCTION TRANSMITTER SIGNALS. THE EXCESSIVE RF SIGNAL LEVELS WILL BE REDUCED AND THE MTBF OF THE INPUT RF AMPLIFIER WILL IMPROVE. BAND 4/5 INTERFEROMETER RECEIVER OPERATION WILL BE REESTABLISHED. AIRCRAFT: 83 ACTIVE; 13 ANG.

DEVELOPMENT STATUS: DEVELOPMENT STARTS FY98.

PROJECTED FINANCIAL PLAN

PRIOR	FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	7	.3	60	2.8	28	1.3
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
MOD OF SPARES						
INSTALLATION OF HARDWARE						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; B-1 5051 INTERFEROMETER RCVR BAND REJECT FILTERS (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)

MILESTONES:

FY-97 FY-98 FY-99
2/97 2/98 2/99
2/98 2/99 2/00

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO WAVEFORM GENERATOR EEPROMS, MN-5052
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED B-1B

PE 11126F

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING FUSIBLE LINK PROM PRINTED CIRCUIT BOARDS IN THE WAVEFORM GENERATOR WITH EE PROGRAMMABLE READ ONLY MEMORY (EEPROMS). CURRENT PROCEDURES TO CHANGE WAVEFORM DATA EMBEDDED IN THE PROMS REQUIRES REMOVAL AND REPLACEMENT OF PROMS AT THE DEPOT. THE REPLACEMENT PROMS WILL CONTAIN NEW WAVEFORM DATA AS REQUIRED BY HQ ACC. THIS REMOVAL AND REPLACEMENT PROCESS CAN TAKE 18-36 MONTHS TO ROTATE ALL B-1B WAVEFORM CIRCUIT CARDS THROUGH THE DEPOT. ALSO, THE NUMBER OF TIMES THIS PROCESS CAN BE ACCOMPLISHED IS LIMITED WITHOUT JEOPARDIZING THE INTEGRITY OF THE MULTI-LAYER BOARDS. IMPLEMENTING EEPROMS IN THE WAVEFORM GENERATOR PROVIDES ACC WITH THE CAPABILITY OF RAPID REPROGRAMMING WAVEFORM DATA AT FIELD SITES.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. AIRCRAFT: 83 ACTIVE; 12 ANG.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 5052 WAVEFORM GENERATOR EEPROMS
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-95	FY-96	FY-97	FY-98	FY-99
-----	-----	-----	-----	-----
	2/96	2/97	2/98	
	2/97	2/98	2/99	

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO 1122 IMPROVEMENT, MN-82U800
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

PE 11126F

MODELS OF AIRCRAFT AFFECTED B-1B

DESCRIPTION/JUSTIFICATION: IMPROVES THE 1122 TECHNIQUE BEYOND THE CURRENT BASELINE. INCLUDES
FREQUENCY EXTENSION, MULTIPLE POINT THREAT HANDLING CAPABILITY, AND IMPROVED POWER HANDLING.
AIRCRAFT: 83 ACTIVE; 12 ANG.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR QTY.	AMT	FY-94		FY-95		FY-96		FY-97		FY-98	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	16	7.8									
KITS NONREC		6.0									

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY92 1 KIT	(1)	.7									
FY93 15 KITS	(15)	4.8									
FY95 23 KITS											
FY96 23 KITS											
FY97 23 KITS											
FY98 10 KITS											

TOTAL INSTALL COST	16	5.5									
TOTAL COST (BP-1100)	16	22.6									

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 82U800 1122 IMPROVEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010) .							95	57.6
INSTALL KITS								6.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								5.2
CHANGE ORDERS								1.8
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY92 1 KIT							(1)	.7
FY93 15 KITS							(15)	4.8
FY95 23 KITS							(23)	4.7
FY96 23 KITS							(23)	5.6
FY97 23 KITS	(5)	.9					(23)	4.2
FY98 10 KITS	(10)	2.0					(10)	2.0
TOTAL INSTALL COST	15	2.9					95	22.0
TOTAL COST (BP-1100)		4.4					95	92.6

MILESTONES:

FY-99

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

FY-92

FY-94

FY-98

FY-92

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO LANCER 101C, MN-T4251C
 MODELS OF AIRCRAFT AFFECTED B-1B
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
 CLC B-1 CLASS P
 PE 11126F

DESCRIPTION/JUSTIFICATION: APPLIES TO F101 ENGINES. CORRECTS SAFETY RELATED PROBLEMS IN COMBUSTOR DOME/COWL AND THE HIGH PRESSURE TURBINE AFT RETAINER. CORRECTS HIGH MAINTENANCE-HOUR PROBLEMS WITH THE HPT NOZZLE, FORWARD CENTER BODY, AUGMENTOR SPRAY BAR, ALTERNATOR NUT, GEARBOX BEVEL GEAR, HPC BLADE CROPPING NO. 3 BEARING RETAINER RING AND CDP SEAL JOINT. EACH B-1 AIRCRAFT WILL BE AFFECTED BY THIS MODIFICATION. THERE ARE FOUR ENGINES PER AIRCRAFT. KITS PROCURED IN FY92/93 (246 KITS) WILL BE INSTALLED BY FIELD PERSONNEL (I.E., O&I); LEADTIMES VARY IN THESE YEARS BECAUSE KITS ARE BEING PRODUCED AT THE ITEM MANAGER LEVEL. FY94/95 KIT PROCUREMENTS (208 KITS) REVERT TO NORMAL 12 MONTHS LEADTIME AND REQUIRE DEPOT LEVEL INSTALL.

DEVELOPMENT STATUS: DELAYS IN FY92/93 BUYS DUE TO REPHASING RELATED TO CHANGES IN THE B-1 FORCE STRUCTURE.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)												
INSTALL KITS	246	10.2	108	4.1	100	3.5						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY94 108 KITS					(67)	3.2	(41)	2.0				
FY95 100 KITS							(80)	4.1	(20)	1.0		

TOTAL INSTALL COST			67	3.2	121	6.1	20	1.0				
TOTAL COST (BP-1100)	246	12.7	108	4.1	100	6.7		6.1		1.0		

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
 INITIAL LEAD TIME -- 3 MONTHS
 FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; B-1 T4251C LANCER 101C
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
ROD&E (3600) N/A								
PROCUREMENT (3010)							454	17.8
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								2.5
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 108 KITS					(108)	5.2		
FY95 100 KITS					(100)	5.1		
TOTAL INSTALL COST					208	10.3		
TOTAL COST (BP-1100)					454	30.6		

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	3/94	4/94	4/94	1/95		
DELIVERY-DATE (QTR/FY):	4/94	1/95	4/95	1/96		

INSTALLATION SCHEDULE:

	FY-95	FY-96	FY-97
QUARTERS	2	3	4
INPUT	67	30	10
OUTPUT	67	30	10

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO LANCER 101D, MN-T4251D
 MODELS OF AIRCRAFT AFFECTED B-1B
 DESCRIPTION/JUSTIFICATION: CORRECTS F101 ENGINE PROBLEMS THAT ARE HIGH MAINTENANCE HOUR AND FUTURE
 NMC DRIVERS BY MODIFYING: HIGH TURBINE FWO OUTER SEAL, THRUST CONTROL ACTUATOR, TURBINE FRAME
 OIL TUBE, VSV RIGGING, POWER MANAGED AFT CONTROL, FRONT FRAME, AND LOW PRESSURE TURBINE STAGE 2
 BLADES.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY95 33 KITS									
FY96 260 KITS									
FY97 161 KITS									
TOTAL INSTALL COST									
TOTAL COST (BP-1100)									

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 24 MONTHS
 FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-1 T4251D LANCER 101D
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT. (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY95 33 KITS
FY96 260 KITS
FY97 161 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

(33)	.5
(260)	4.9
(161)	1.8
454	7.2
454	29.1

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-95	FY-96	FY-97	FY-98	FY-99
-------	-------	-------	-------	-------

1/95	1/96	1/97		
1/97	1/98	1/99		
2	1	3	1	2
3	4	3	4	3
33	33	66	62	40
33	66	66	62	40
				41
				41

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO LANCER 101E, MN-T4251E
MODELS OF AIRCRAFT AFFECTED B-1B
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 11126F

DESCRIPTION/JUSTIFICATION: CORRECTS F-101 ENGINE DEFICIENCIES IN THE CITS PROCESSOR AND FUEL/LUBE
TUBE FITTINGS TO REDUCE OR ELIMINATE FUTURE NOT MISSION CAPABLE (NMC) PROBLEM AREAS.

DEVELOPMENT STATUS: IN PROGRESS.

PROJECTED FINANCIAL PLAN		FY-95		FY-96		FY-97		FY-98		FY-99	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 223 KITS

FY98 231 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

223 5.0 231 5.1

(223) .8

223 .8

223 5.0 231 5.1

(CONTINUED)

FACT SHEET: B-1 T4251E LANCER 101E
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)					454	10.1
INSTALL KITS						
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY97 223 KITS	(231)	.9			(223)	.8
FY98 231 KITS	231	.9			(231)	.9
TOTAL INSTALL COST					454	1.7
TOTAL COST (BP-1100)		.9			454	11.8

MILESTONES:

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):	1/97	1/98		
DELIVERY-DATE (QTR/FY):	1/99	1/00		

INSTALLATION SCHEDULE:

QUARTERS	FY-99	FY-00	FY-00	FY-00
1	2	1	3	4
INPUT	56	57	58	58
OUTPUT	55	56	57	58

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION										DATE
(EXHIBIT P-40)										FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE: B-52					
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$37.357	\$33.300	\$4.908	\$9.961	\$26.950	\$65.482	\$48.673	\$38.117		

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The overall goal of the modifications budgeted in FY96 is to conventionally enhance 47 B-52H aircraft to replace the retired conventionally tasked B-52G aircraft. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
STD FLT DATA REC, MN-14304B
MODELS OF AIRCRAFT AFFECTED
B-52H

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

PE 11113F

DESCRIPTION/JUSTIFICATION: THE STANDARD FLIGHT DATA RECORDER (SFDR) MONITORS STRUCTURAL STRESS
ON THE AIRCRAFT. THIS MOD INSTALLS SFDR ON 7 ADDITIONAL AIRCRAFT USING FUNDS PROVIDED BY
CONGRESS IN FY95 TO INCREASE B-52 FORCE STRUCTURE.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY95 7 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- NA MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-52 14304B STD FLT DATA REC
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP QTY	AMT	TOTAL QTY	AMT
	QTY	AMT	QTY	AMT				
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							7	.4
KITS NONRECUR								2.2
EQUIPMENT								
EQUIP NONREC.								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY95 7 KITS					(7)			.4
							7	.4
TOTAL INSTALL COST							7	3.0
TOTAL COST (BP-1100)								

MILESTONES:

FY-95
FY-96

CONTRACT-DATE (QTR/FY): 2/95
DELIVERY-DATE (QTR/FY): 3/95

INSTALLATION SCHEDULE:	FY-95		FY-96	
	QTY	AMT	QTY	AMT
QUARTERS	1	2	3	4
INPUT	2	2	2	1
OUTPUT	2	2	2	1

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO VLF/LF MINIATURE RECEIVE TERMINAL, MN-3116
MODELS OF AIRCRAFT AFFECTED B-52H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 33131F

DESCRIPTION/JUSTIFICATION: VERY LOW FREQUENCY/LOW FREQUENCY (VLF/LF) MINIATURIZED RECEIVE TERMINALS (MRT) WILL BE PROVIDED FOR THE B-52H AIRCRAFT. ADDS A DIRECT VLF/LF RECEPTION CAPABILITY TO THE BOMBER FORCE. THE MRT WILL BE SECURE AND WILL INCORPORATE SIGNAL COMBINING AND MEECN MESSAGE PROCESSING MODE (MMPM). SUPPORT EQUIPMENT INCLUDES TRANSFER MODULAR SERVICE STATION, AUXILIARY RACKS AND I-LEVEL CABLE SETS. FY92 ENGINEERING CHANGE PROPOSAL (ECP) TO RELOCATE SATCOM FROM GUNNER'S POSITION TO NAVIGATOR'S POSITION. THIS RESULTS IN \$900K COST AS SHOWN BELOW UNDER "OTHER".

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		131.1										
PROCUREMENT (3010)												
INSTALL KITS	95	3.2										
KITS NONREC		.3										
EQUIPMENT		23.1										
EQUIP NONREC		.5										
CHANGE ORDERS		.4										
DATA		.5										
SIM/TRAINER		4.0										
SUPPORT-EQUIP		.4										
ICS		1.0										
OTHER		.3										
INSTALLATION OF HARDWARE												
FY89 35 KITS	(35)	1.1										
FY90 60 KITS	(60)	2.0										
TOTAL INSTALL COST	95	3.1										
TOTAL COST (BP-1100)	95	36.5										

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 23 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: B-52 3116 VLF/LF MINIATURE RECEIVE TERMINAL
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								131.1
PROCUREMENT (3010)							95	3.2
INSTALL KITS								.3
KITS NONRECUR								23.1
EQUIPMENT								.5
EQUIP NONREC								.4
CHANGE ORDERS								.5
DATA								4.0
SIM/TRAINER								.4
SUPPORT-EQUIP								1.3
ICS								
OTHER								
INSTALLATION OF HARDWARE							(35)	1.1
FY89 35 KITS							(60)	2.0
FY90 60 KITS								
TOTAL INSTALL COST							95	3.1
TOTAL COST (BP-1100)							95	36.8

MILESTONES:

CONTRACT-DATE (QTR/FY): 4/89
DELIVERY-DATE (QTR/FY): 4/91

	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
INSTALLATION SCHEDULE:								
QUARTERS	2	4	3	1	2	4	1	2
INPUT	1	6	6	6	6	6	6	6
OUTPUT	1	6	6	6	6	6	6	6
INSTALLATION SCHEDULE:								
QUARTERS	2	4	3	4	1	4	1	3
INPUT	6	6	6	6	6	6	6	6
OUTPUT	6	6	6	6	6	6	6	6

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ALQ-172 ECM, MN-3145
MODELS OF AIRCRAFT AFFECTED B-52H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE P
CLC B-52 CLASS P
PE 11113F
DESCRIPTION/JUSTIFICATION: DEFENDS AGAINST MODERN ENEMY SAM, AAA AND INTERCEPTOR THREATS. PROVIDES
FOR ADVANCED ELECTRONIC COUNTERMEASURE TECHNIQUES, SOFTWARE REPROGRAMMABILITY, AND INCREASED
POWER. FY90/91 SUPPORT EQUIPMENT FUNDS DEPOT LEVEL TECHNICAL REPAIR CENTER. ESTABLISHING REPAIR
CENTER AT WR-ALC SIGNIFICANTLY REDUCES CONTRACTOR LOGISTIC SUPPORT COSTS FOR REPAIR AND TEST
OF ALQ-172 COMPONENTS. FY91 EQUIPMENT BUYS O-LEVEL TPS FOR USM 464.
(NOTE: FY86-90 COMBINED.)

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN		FY-94		FY-95		FY-96		FY-97		FY-98	
	PRIOR	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010)											
INSTALL KITS	95		46.2								
KITS NONRECUR			10.8								
EQUIPMENT			446.1								
EQUIP NONREC			26.1								
CHANGE ORDERS											
DATA			9.9								
SIM/TRAINER			5.8								
SUPPORT-EQUIP			160.3		.5						
SOFTWARE			1.3								
ICS			8.7		3.8						
INSTALLATION OF HARDWARE											
FY90 95 KITS	(95)		1.6								
FY91 KITS											
TOTAL INSTALL COST	95		1.6								
TOTAL COST (BP-1100)	95		716.8		4.3						

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-52 3145 ALQ-172 ECM
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A						
PROCUREMENT (3010)					95	46.2
INSTALL KITS						10.8
KITS NONRECUR						446.1
EQUIPMENT						26.1
EQUIP NONREC						9.9
CHANGE' ORDERS						5.8
DATA						160.8
SIM/TRAINER						1.3
SUPPORT-EQUIP						12.5
SOFTWARE						
ICS						
INSTALLATION OF HARDWARE					(95)	1.6
FY90 95 KITS						
FY91 KITS					95	1.6
TOTAL INSTALL COST						
TOTAL COST (BP-1100)					95	721.1

MILESTONES:

	FY-90	FY-91	FY-92	FY-93	FY-94
CONTRACT-DATE (QTR/FY):	1/90				
DELIVERY-DATE (QTR/FY):	3/91				

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	5	6	7	8	9	10	11	12
INPUT					1	5	5	6	3			
OUTPUT					85	75						

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED B-52H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 11113F

DESCRIPTION/JUSTIFICATION: NAVSTAR GPS PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY ACFT. GPS IS BASELINED TO ICSM AND HAVE NAP. FIRST 10 KITS ARE REFURBISHED KITS TAKEN FROM RETIRING G-MODELS. REMAINING KITS ARE NEW PROCUREMENT. INSTALLION PRICING VARIES BECAUSE SOME KITS ARE CONTRACTOR INSTALLED AND SOME ARE DEPOT INSTALLED.
AIRCRAFT: 57 ACTIVE; 9 AFR.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	24	2.0	35	4.8	8	1.0				
KITS NONRECUR		3.9								
EQUIPMENT		.1	(35)	2.4	(8)	1.6				
EQUIP NONREC										
CHANGE ORDERS		.8		1.8						
DATA		1.0		1.2	(1)	.3				
SIM/TRAINER		.1		.9						
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY92 24 KITS	(24)	2.0			(22)	2.2	(2)	.2	(9)	.8
FY94 35 KITS										
FY95 8 KITS										

TOTAL INSTALL COST	24	2.0			22	2.2	2	.2	9	.8
TOTAL COST (BP-1100)	24	9.9	35	11.1	8	5.1		1.9	.2	.8

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: B-52 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL QTY	TOTAL AMT
	QTY	AMT	QTY	AMT		

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					67	7.8
KITS NONRECUR						3.9
EQUIPMENT						4.1
EQUIP NONREC						2.9
CHANGE ORDERS						2.9
DATA						1.0
SIM/TRAINER						1.0
SUPPORT-EQUIP						2.0
INSTALLATION OF HARDWARE						3.4
FY92 24 KITS					(24)	.8
FY94 35 KITS					(35)	
FY95 8 KITS					(8)	
TOTAL INSTALL COST	(8)	.8			67	6.2
TOTAL COST (BP-1100)	8	.8			67	29.8

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/92
DELIVERY-DATE (QTR/FY): 3/93

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 1
OUTPUT 1

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 1
OUTPUT 1

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 1
OUTPUT 1

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO INTEGRATED CONV STORES MGMT SYS, MN-3263

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED B-52H

PE 11113F

DESCRIPTION/JUSTIFICATION: THIS PROGRAM PROVIDES AN INTEGRATED CONVENTIONAL STORES MANAGEMENT SYSTEM USING MILITARY STANDARD 1760 SPECIFICATIONS. THE SYSTEM IS INTEGRATED INTO THE OFFENSIVE AVIONICS SYSTEM SOFTWARE & WILL ENABLE THE B-52 TO CARRY, PROGRAM, & LAUNCH NEW CONVENTIONAL WEAPONS THAT ARE BUILT TO MILITARY STANDARD 1760. FY93 USES EXCESS B-52G GROUP B KITS FOR B-52H INSTALLATION. THIS MODIFICATION IS TIED TO NAVSTAR GPS & IS REQUIRED FOR HAVE NAP. HARPOON, JDAM & TSSAM. ECP FUNDS MODS TO ADDITIONAL PYLONS IN SUPPORT OF INCREASED FORCE STRUCTURE. AIRCRAFT: 57 ACTIVE; 9 AFR (ALL B-52H MODELS).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR QTY	AMT	FY-94		FY-95		FY-96		FY-97		FY-98	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	9	4.7	38	7.9	19	2.7					
KITS NONREC	1	8.6									
EQUIPMENT		.1									
EQUIP NONREC											
CHANGE ORDERS											
DATA		1.7		1.9		.2					1.0
SIM/TRAINER		1.6				.1					
SUPPORT-EQUIP		7.7		5.1		3.5					
TOOLING		.2									
ECP(PYLONS)											
INSTALLATION OF HARDWARE	(10)	1.1			(36)	5.1	(2)	.5	(2)	.3	(8)
FY93 10 KITS							(1)	.2			1.2
FY94 38 KITS											
FY95 19 KITS											

TOTAL INSTALL COST 10 1.1 36 5.1 3 .7 2 .3 8 1.2

TOTAL COST (BP-1100) 10 25.7 38 14.9 19 11.6 .7 .3 2.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: B-52 3263 INTEGRATED CONV STORES MGMT SYS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99	FY-00		TO COMP	TOTAL
	QTY	AMT	QTY	QTY	AMT
	-----	-----	-----	-----	-----

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR				66	15.3
EQUIPMENT				1	8.6
EQUIP NONREC					.1
CHANGE ORDERS					
DATA					
SIM/TRAINER					1.0
SUPPORT-EQUIP					3.8
TOOLING					1.7
ECP(PYLONS)					16.3
INSTALLATION OF HARDWARE					.2
FY93 10 KITS					14.0
FY94 38 KITS				(10)	1.1
FY95 19 KITS				(38)	5.6
	(8)	1.3		(19)	3.0
	-----	-----		-----	-----
TOTAL INSTALL COST	8	1.3		67	9.7
TOTAL COST (BP-1100)		12.3		67	70.7

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HAVE NAP-B52H, MN-3375A
MODELS OF AIRCRAFT AFFECTED B52H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 11113F

DESCRIPTION/JUSTIFICATION: PROVIDES CAPABILITY FOR B52H AIRCRAFT TO EMPLOY STRATEGIC CONVENTIONAL
PRECISION GUIDED WEAPON AGAINST HIGH VALUE, POINT TARGETS FROM STANDOFF RANGES TO REMAIN CLEAR
OF ENEMY DEFENSES. EACH AIRCRAFT CAN CARRY THREE MISSILES AND A DATA LINK POD (FOR MISSILE
TERMINAL GUIDANCE) OR FOUR MISSILES (USING SECONDARY AIRCRAFT FOR MISSILE TERMINAL GUIDANCE).
MOD PROCURES AND 10 GROUP A. GROUP B FROM RETIRING G MODELS.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	1	.3	9	1.5						
KITS NONRECUR		2.0								
EQUIPMENT					3.8					
EQUIP NONREC										
CHANGE ORDERS										
DATA		1.2		.5						
SIM/TRAINER		.2		.2						
SUPPORT-EQUIP		.2		.6						
INSTALLATION OF HARDWARE										
FY93 1 KIT	(1)	.4								
FY94 9 KITS			(9)	2.2						

TOTAL INSTALL COST

1 .4 9 2.2

TOTAL COST (BP-1100)

1 4.3 9 5.0 5.1

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 9 MONTHS FOLLOW-ON LEAD TIME -- 6 MONTHS

(CONTINUED)

FACT SHEET: B-52 3375A HAVE NAP-B52H
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							10	1.8
KITS NONRECUR								2.0
EQUIPMENT								3.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								3.0
SIM/TRAINER								.4
SUPPORT-EQUIP								.8
INSTALLATION OF HARDWARE								
FY93 1 KIT					(1)			.4
FY94 9 KITS					(9)			2.2
TOTAL INSTALL COST							10	2.6
TOTAL COST (BP-1100)							10	14.4

MILESTONES:

	FY-93	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	4/93	2/94	
DELIVERY-DATE (QTR/FY):	3/94	4/94	

INSTALLATION SCHEDULE:	FY-94	FY-95
QUARTERS	1 2 3 4	1 2 3 4
INPUT	1 1 1 1	1 1 1 1
OUTPUT	4 3 3 3	3 3 3 3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT AFFECTED
B-52H
PE 11113F
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

DESCRIPTION/JUSTIFICATION: PROVIDES MULTIPURPOSE RADIOS FOR CONVENTIONAL B-52H. GREATLY IMPROVES
FREQUENCY COVERAGE AND ELECTRONIC COUNTER MEASURES COMMUNICATIONS CAPABILITY FOR IM-
PROVED FLEXIBILITY AND INTEROPERABILITY WITH OTHER SERVICES, AIR TRAFFIC CONTROL CENTERS, AND
ALLIED FORCES. WILL PROVIDE UHF/VHF/VOICE AFSATCOM/MARITIME/HAVE QUICK CAPABILITY. THIS RADIO
IS SECURED BY AND ON COMMON CONTRACT WITH VINSON (MOD 3308). AIRCRAFT: 57 ACTIVE; 9 AFR.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)									
INSTALL KITS	47	1.9							
KITS NONRECUR									
EQUIPMENT		4.3							
EQUIP NONREC		1.2							
CHANGE ORDERS		.5							
DATA		1.6							
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY92 11 KITS	(11)	.3							
FY93 36 KITS	(36)	1.3							
FY99 20 KITS									

TOTAL INSTALL COST 47 1.6
TOTAL COST (BP-1100) 47 11.1 .6

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 21 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

(CONTINUED)

FACT SHEET: B-52 4222 ARC-210 RADIO
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							67	3.1
INSTALL KITS	20	1.2						
KITS NONRECUR	(20)	2.2						6.5
EQUIPMENT								1.4
EQUIP NONREC		.2						1.3
CHANGE ORDERS		.2						1.6
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY92 11 KITS			(20)	.3			(11)	.3
FY93 36 KITS							(36)	1.3
FY99 20 KITS							(20)	.3
TOTAL INSTALL COST			20	.3			67	1.9
TOTAL COST (BP-1100)	20	3.8		.3			67	15.8

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/92
DELIVERY-DATE (QTR/FY): 4/94

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT 1 6 12 13 13 6
OUTPUT 1 1 5 13 13 6

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT 4 4 1 2 3 4
OUTPUT 4 4 1 2 3 4

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 1 2 3 4
OUTPUT 7 6 7 7

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODIFICATION TITLE AND NO HARPOON, MN-4258

PE 11113F

MODELS OF AIRCRAFT AFFECTED B-52H

DESCRIPTION/JUSTIFICATION: PROVIDES CAPABILITY FOR B-52H TO EMPLOY THE HARPOON ANTI-SHIP MISSILE IN SUPPORT OF ACC'S MARITIME COLLATERAL (JOINT SUPPORT OF US NAVY) MISSION. THIS EFFORT DEVELOPS A HARPOON PERSONALITY ADAPTOR AND SOFTWARE MANAGEMENT OVERLAY FOR THE ICSMS SYSTEM. THE EQUIPMENT MODIFIED IS THE HEAVY STORES ADAPTOR BEAM AND PYLON. THE PYLON AND SOFTWARE CAN BE USED ON ALL ICSMS AIRCRAFT.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
12.6											

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 15 MONTHS FOLLOW-ON LEAD TIME -- 15 MONTHS

FACT SHEET; B-52 4258 HARPOON
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----	-----	-----	-----
			12.6

FY-99		FY-00	
QTY	AMT	QTY	AMT
-----	-----	-----	-----

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-93	FY-95	FY-96
CONTRACT-DATE (QTR/FY):	-----	-----	-----
DELIVERY-DATE (QTR/FY):	-----	2/95 3/96	1/96 2/97

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

RAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

FY 1996 PRE MODIFICATION TITLE AND NO GPS TACAN, MN-4271

MODELS OF AIRCRAFT AFFECTED B-52H

PE 11113F

DESCRIPTION/JUSTIFICATION: GPS TACAN EMULATION INCLUDES THE INSTALLATION OF A CONTROL DISPLAY UNIT (CDU) AT THE PILOT AND COPILOT STATION AND THE INSTALLATION OF A SIGNAL DATA CONVERTER (SDC) TO INTERFACE WITH THE CURRENT ON BOARD GPS SYSTEM. IT WILL PROVIDE THE PILOT AND COPILOT GPS NAVIGATION AND PRECISION LANDING CAPABILITIES.

DEVELOPMENT STATUS: DESIGN ENGINEERING BEGINS IN FIRST QUARTER FY96.

PROJECTED FINANCIAL PLAN

[illegible]

RDT&E (3600)

PROCUREMENT (3010)

	1	3.1	(26)	6.0	(25)	2.1	2.5
INSTALL KITS							
KITS NONRECUR							
EQUIPMENT							
EQUIP NONREC							
CHANGE ORDERS							

2.9

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

INSTALLATION OF HARDWARE	(1)	.7	
FY97 1 KIT	(26)	2.6	

FY97 1 KIT

FY98 26 KITS

FY99 25 KITS

FY99 25 KITS
FY00 15 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION:		INSTALLATION	--	DEPOT
		INITIAL LEAD TIME	--	9 MONTHS
		FOLLOW-ON LEAD TIME	--	15 MONTHS

(CONTINUED)

FACT SHEET; B-52 4271 GPS TACAN
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
---	---	---	---
			9.6

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	15	1.4		66	5.7
KITS NONRECUR	(15)	3.8		1	3.1
EQUIPMENT					15.9
EQUIP NONREC					
CHANGE ORDERS					
DATA					2.0

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 1 KIT	(25)	2.5	(15)	1.5	(1)	.7
FY98 26 KITS					(26)	2.6
FY99 25 KITS					(25)	2.5
FY00 15 KITS					(15)	1.5

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:		FY-97		FY-98		FY-99		FY-00		FY-01		FY-00	
QUARTERS													
INPUT	1	2	3	4	1	2	3	4	1	2	3	4	8
OUTPUT				1					9	8	9	8	9

INSTALLATION SCHEDULE:

FY-01		FY-02	
QUARTERS			
INPUT	1	2	3
OUTPUT	8	6	3

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO WIND CORRECTED MUNITIONS DISPENSER, MN-4272
MODELS OF AIRCRAFT AFFECTED B-52H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 11113F

DESCRIPTION/JUSTIFICATION: UPGRADE INTEGRATES THE WIND CORRECTED MUNITIONS DISPENSER (WCMD) ONTO THE B-52H AIRCRAFT VIA EXISTING MIL-STD 1760 INTERFACE. IT PROVIDES HIGH ALTITUDE NEAR PRECISION CLUSTER BOMB CAPABILITY ON B-52H IN THE REQUIRED PATTERN TO DEFEAT ARMOR/VEHICLE COLUMNS. THIS UPGRADE CONSISTS OF CERTIFICATION, SOFTWARE CABLES, AND UMBILICAL RESTRAINTS FOR 67 AIRCRAFT WITH EXTERNAL ONLY CAPABILITY. REQUIRES ICSMS (MN3263) AND GPS (MN3150).

DEVELOPMENT STATUS: TO BE DETERMINED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS										
KITS NONRECUR					47	1.7			19	2.0
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER					(4)	1.2				
SUPPORT-EQUIP						.5				
INSTALLATION OF HARDWARE						1.2				

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: B-52 4272 WIND CORRECTED MUNITIONS DISPENSER
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
---	---	---	---
			7.0

FY-00		FY-01	
QTY	AMT	QTY	AMT
---	---	---	---

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

66	3.7	1.2	.5	1.2
---	---	---	---	---

TOTAL INSTALL COST

TOTAL COST (BP-1100)

66	6.6
---	---

MILESTONES:

	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):	2/97	2/98	2/99
DELIVERY-DATE (QTR/FY):	2/98	2/01	

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		P-1 ITEM NOMENCLATURE: F-117								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$11.827	\$11.111	\$47.660	\$39.587	\$39.854	\$35.032	\$33.835	\$33.355		

This line item funds modifications to the F-117A aircraft. The F-117A is a twin engine, single seat fighter incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets with precision munitions. The overall goal of the modifications budgeted in FY96 is to enhance operational capabilities while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
PE 27141F

DESCRIPTION/JUSTIFICATION: FUNDS INSTALLATION OF KITS PROCURED IN APPN 3010/BP1900. FY92-95 BP1900
FUNDING SHOWN FOR INFORMATION ONLY. THE CURRENT PLATY EXHAUST AREA IS A HIGH MAINTENANCE AREA
REQUIRING FREQUENT REPACKING OF THE SPCE BETWEEN THE CERAMIC BRICKS/BLOCKS. ALTHOUGH
THE MATERIAL IS AN EXCELLENT INSULATOR, THE HEAT THAT GETS THROUGH CAUSES LONG TERM DAMAGE
TO THE UNDERLYING COMPOSITE STRUCTURE. THIS IS A DEPOT DRIVER MOD FOR FY95-96.

DEVELOPMENT STATUS: COMPLETE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 55 6.5
KITS NONREC 1.1

EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

DATA .2

SIM/TRAINER .5

SUPPORT-EQUIP
DEPOT PROCESS 3.2
FLIGHT TEST 2.6

BP19 FUNDED -7.8

INSTALLATION OF HARDWARE
FY92 55 KITS

(1) .1 (13) 1.3 (19) 1.9 (19) 2.0 (3) .3

1 .1 13 1.3 19 1.9 19 2.0 3 .3

TOTAL INSTALL COST 55

8.2 2.0 .3

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET; F-117 11324 PLATY BRICK/BLOCK REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)					55	6.5		6.5
INSTALL KITS						1.1		1.1
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
DEPOT PROCESS								
FLIGHT TEST								
BP19 FUNDED								
INSTALLATION OF HARDWARE								
FY92 55 KITS					(55)	5.6		5.6
TOTAL INSTALL COST								
TOTAL COST (BP-1100)					55	5.6		5.6
					55	10.5		10.5

MILESTONES:

FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 1 4 3 3 3 5 4 5 4 5 5 4 5 4 5 4 5 4 5 4
OUTPUT 1 1 2 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 1 3 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
OUTPUT 3 4 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO AP-102 COMPUTER MEMORY EXPANSION, MN-11326
 MODELS OF AIRCRAFT AFFECTED F-117A
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
 CLC F-117 CLASS P
 PE 27141F

DESCRIPTION/JUSTIFICATION: THE NAVIGATION AND WEAPON COMPUTERS HAVE LESS THAN FOUR PERCENT SPARE MEMORY AFTER RELEASE OF OFF-55 (AUG 93). UNTIL AVAILABLE MEMORY IS INCREASED, CORRECTIONS AND/OR IMPROVEMENTS TO THE SYSTEM REQUIRING ADDITIONAL OFF SOFTWARE CAN NOT BE MADE. THERE ARE NO A KITS AND THREE GROUP B KITS PER AIRCRAFT. THIS MOD IS FULLY INTEGRATED WITH THE 3010/BP19 FUNDED RING LASER GYRO NAVIGATION IMPROVEMENT PROGRAM PLUS GLOBAL POSITIONING SYSTEM (RNIP+). PROCUREMENT, DELIVERY, AND INSTALLATION SCHEDULES ARE ALIGNED WITH RNIP+ SCHEDULES. FY95 4TH QTR CONTRACT AWARD SCHEDULED TO ALIGN DELIVERIES AND INSTALLATION WITH RNIP+. ITEMS ARE CURRENTLY IN PRODUCTION AND ARE READILY AVAILABLE.

DEVELOPMENT STATUS: COMPLETE (NO RDT&E ASSOCIATED WITH THIS MOD).

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT	QTY

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS						
KITS NONRECUR						
EQUIPMENT	9	3.2	15	1.1	57	4.1
EQUIP NONREC						
CHANGE ORDERS						
DATA		1.1				
SIM/TRAINER						
SUPPORT-EQUIP		1.8				
MOD OF SPARES						
INSTALLATION OF HARDWARE						
FY93 9 KITS	(9)					
FY95 15 KITS						
FY96 57 KITS						
FY97 51 KITS						
FY98 36 KITS						
TOTAL INSTALL COST	9					
TOTAL COST (BP-1100)	9	6.1	5.9	1.9	57	4.9

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
 INITIAL LEAD TIME -- 18 MONTHS
 FOLLOW-ON LEAD TIME -- 14 MONTHS

(CONTINUED)

FACT SHEET: F-117 11326 AP-102 COMPUTER MEMORY EXPANSION
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR					159	11.7		
EQUIPMENT					9	3.2		
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY93 9 KITS	(30)	2.3						
FY95 15 KITS								
FY96 57 KITS								
FY97 51 KITS	(9)	*						
FY98 36 KITS	(27)	.1	(9)	.1				
TOTAL INSTALL COST	36	.1	9	.1				
TOTAL COST (BP-1100)		2.4		.1				

MILESTONES:

FY-00

FY-99

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

CONTRACT-DATE (QTR/FY): 3/93
DELIVERY-DATE (QTR/FY): 1/95

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	3	3	3	3	15	15	12	15	15	12	15	15
OUTPUT	3	3	3	3	2/97	2/98	2/99	1/98	1/98	1/98	1/98	1/98

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT	9	9	9	9	9	9	9	9
OUTPUT	9	9	9	9	9	9	9	9

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO LONGTERM MDPs UPGRADE TO AFMSS, MN-11330
 MODELS OF AIRCRAFT AFFECTED F-117A
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC F-117 CLASS P
 PE 27141F

DESCRIPTION/JUSTIFICATION: MODIFICATION UPGRADES THE F-117 MISSION DATA PREPARATION SYSTEM SO THAT THE F-117 CAN TRANSITION TO THE COMMON AIR FORCE MISSION SUPPORT SYSTEM (AFMSS) DEVELOPED BY ELECTRONICS SYSTEMS CENTER (ESC). SM-ALC WILL PROCURE COMMON AFMSS HARDWARE AND DEVELOP, TEST, INTEGRATE, AND FIELD F-117 UNIQUE HARDWARE AND SOFTWARE. SEVEN SYSTEMS ARE REQUIRED TO SUPPORT THE 55 F-117 AIRCRAFT.

DEVELOPMENT STATUS: ACQUISITION STRATEGY IS A TWO PHASE DEVELOPMENT. PHASE 1 AWARDED SEP 92 TO IMPROVE COMPETITIVE BASE FOR PHASE 2. PHASE 2 CONTRACT AWARDED AUG 93. FY94 3600 FUNDS PROCURED TWO SYSTEMS TO SUPPORT DEVELOPMENT AND TEST REQUIREMENTS (ONE EACH FOR THE CONTRACTOR AND INDEPENDENT VERIFICATION AND VALIDATION). SOFTWARE IN TEST STATUS JUN 95. HARDWARE IS NOT SOFTWARE DEPENDANT. SOFTWARE DT&E OCT 95, FINAL SOFTWARE OT&E FEB 96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)		16.5		4.6								
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					7	2.5						
EQUIPMENT						.4						
EQUIP NONREC										.6		
CHANGE ORDERS						1.2						
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE							(7)	.5				
FY95 7 KITS							7	.5				
TOTAL INSTALL COST												
TOTAL COST (BP-1100)					7	4.1		1.1				

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- 6 MONTHS
 INITIAL LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-117 11330 LONGTERM MDPS UPGRADE TO AFMSS
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
-----		-----		-----	
				21.1	

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY95 7 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-92	FY-93	FY-94	FY-95	FY-96
-----	-----	-----	-----	-----
			2/95 4/95	

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS	FY-96
1	2
INPUT	2
OUTPUT	2
	3
	4

169

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO HIGH TEMPERATURE EDGES, MN-11332
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED F-117A

PE 27141F

DESCRIPTION/JUSTIFICATION: THE AIRCRAFT EDGES OUTBOARD AND AFT OF THE EXHAUST NOZZLE ARE SUBJECT TO SCORCHING AND/OR BURNING FROM HOT GASES. TWO AIRCRAFT SUSTAINED FIRES WHEN GASES LEAKED THROUGH THE SUPPORT STRUCTURE AND INSULATION MATERIALS AND IGNITED THE EDGE PANELS.
AIRCRAFT: 55.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	QTY	QTY	QTY	QTY	QTY

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY93 1 KIT
FY94 15 KITS
FY95 9 KITS
FY96 19 KITS
FY97 11 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED F-117A
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
PE 27141F

DESCRIPTION/JUSTIFICATION: FUNDS THE CONTINUATION OF EFFORTS INITIATED IN APPN 3010/BP1900. FY92-95
BP1900 FUNDING IS SHOWN FOR INFORMATION ONLY. GPS PROVIDES WORLD-WIDE THREE DIMENTIONAL
POSITIONING/NAVIGATION. GPS HAS THREE SEGMENTS; USER EQUIPMENT, SATELLITES AND CONTROL
NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT
AND USED TO COMPUTE PLATFORM POSITIONING/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET
LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE
SATELLITES. GPS IS A DRIVER MOD IN FY97-99 AND DEPOT PROCESSING CHARGES ARE FUNDED
BY THIS MOD IN FY97-99. AIRCRAFT: 55 ACTIVE.

DEVELOPMENT STATUS: COMPLETE. FY95/96 FLIGHT TEST SUPPORTS CLEANUP PHASE ON SOFTWARE. NO RISK IS
ASSOCIATED WITH THE HARDWARE PROCUREMENT.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) 48.8

PROCUREMENT (3010)

INSTALL KITS	19.2	2	4.4	19	6.1	19	6.3	12	4.1	3	1.1
KITS NONRECUR				1	1.4						
EQUIPMENT				(19)	2.4	(19)	2.4	(12)	1.5	(3)	.4
EQUIP NONREC	1.4	(2)	4.5	(1)	.1						
CHANGE ORDERS	2.2		1.2		.2						
DATA											
SIM/TRAINER			.4		2.2				2.1		
SUPPORT-EQUIP									6.5		5.5
DEPOT PROCESS					2.4		.5				
FLIGHT TEST			2.0		-10.0						
BP1900 FUNDS	-22.8		-12.5		-2.4						
BP1900 FUNDS											
INSTALLATION OF HARDWARE		(2)	*	(1)	*			(19)	3.3	(19)	3.4
FY94 2 KITS											
FY95 20 KITS											
FY96 19 KITS											
FY97 12 KITS											
FY98 3 KITS											

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 21 MONTHS

FACT SHEET: F-117 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE&E (3600)								48.8
PROCUREMENT (3010)							53	17.6
INSTALL KITS							3	25.0
KITS NONRECUR								6.7
EQUIPMENT								6.0
EQUIP NONREC								3.6
CHANGE ORDERS								4.7
DATA								17.8
SIM/TRAINER								2.5
SUPPORT-EQUIP								-45.3
DEPOT PROCESS								-2.4
FLIGHT TEST								
BP1900 FUNDS								
INSTALLATION OF HARDWARE								
FY94 2 KITS					(3)			3.3
FY95 20 KITS					(19)			3.4
FY96 19 KITS					(19)			2.2
FY97 12 KITS					(12)			.6
FY98 3 KITS					(3)			
TOTAL INSTALL COST	12	2.2	3	.6			56	9.5
TOTAL COST (BP-1100)		5.6		.6			56	45.7

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):				2/95	2/96	2/97	2/98		
DELIVERY-DATE (QTR/FY):				1/97	1/98	1/99	1/00		

INSTALLATION SCHEDULE:

QUARTERS	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
INPUT	2	3	4	1	2	3
OUTPUT	1	1	1	5	4	5

INSTALLATION SCHEDULE:

QUARTERS	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
INPUT	2	3	4	1	2	3
OUTPUT	3	3	3	3	3	3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO 2000 HOUR COATING, MN-31913
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

PE 27141F

MODELS OF AIRCRAFT AFFECTED F-117A

DESCRIPTION/JUSTIFICATION: REPLACES THE CURRENT COATING WITH THE 2000 HOUR HIGH TEMPERATURE EXHAUST COATING. THE CURRENT COATING MUST BE REPLACED EVERY 300 HOURS, AND IS EXPENSIVE IN TERMS OF MAINTENANCE HOURS (DEPOT AND O&I) AND REDUCED PARTS LIFE. AIRCRAFT SURVIVABILITY WILL BE IMPROVED. AIRCRAFT: 55.

DEVELOPMENT STATUS: COMPLETE (NO RDT&E ASSOCIATED WITH THIS MOD). ACCELERATED GROUND TESTING BEGAN SEP 93 AND CONTINUED THROUGH APR 94. SELECTED COATINGS FLIGHT TESTED IN DEC 94 WITH RETROFIT PRODUCTION BEGINNING IN FY95.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT	QTY
QTY	AMT	QTY	AMT	QTY	AMT	QTY

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS						
KITS NONRECUR	1	2.5		30	.2	25
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP				(8)	.1	(16)
MOD OF SPARES						
FLIGHT TEST		.2				
INSTALLATION OF HARDWARE						
FY96 30 KITS				(24)	.1	(6)
FY98 25 KITS						(18)

TOTAL INSTALL COST

TOTAL COST (BP-1100)	1	2.7		30	.3	.2	25	.3
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METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 3 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-117 31913 2000 HOUR COATING
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A					55	.5
PROCUREMENT (3010)					1	2.5
INSTALL KITS						
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
MOD OF SPARES						
FLIGHT TEST						
INSTALLATION OF HARDWARE						
FY96 30 KITS	(7)	*			(30)	.1
FY98 25 KITS					(25)	.2
TOTAL INSTALL COST					55	.1
TOTAL COST (BP-1100)					56	3.5

MILESTONES:

CONTRACT-DATE (QTR/FY): 3/94
DELIVERY-DATE (QTR/FY): 1/95

FY-99

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

INSTALLATION SCHEDULE:
QUARTERS 1 1 1
INPUT 1 1 1
OUTPUT 1 1 1

INSTALLATION SCHEDULE:
QUARTERS 1 1 1
INPUT 6 1 6
OUTPUT 6 6 6

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO CONTROL DISPLAY UNIT REPLACEMENT, MN-31938

MODELS OF AIRCRAFT AFFECTED F-117A

PE 27141F

DESCRIPTION/JUSTIFICATION: REPLACES THE CURRENT CDU WITH A UNIT THAT WILL BE MORE RELIABLE, MAINTAINABLE, AND OPERATIONALLY ADAPTABLE. THE NEW CDU WILL ENABLE ENTRY OF GPS WAYPOINTS 0.001 MINUTES ACCURACY FOR LATITUDE AND LONGITUDE. THE NEW CDU WILL ENHANCE INTEROPERABILITY WITH ARMY OPERATIONS BY ALLOWING DIRECT UNIVERSAL TRANSVERSE MERCATOR COORDINATE ENTRY. THE CDU WILL ENHANCE SUPPORTABILITY AND COCKPIT ERGONOMICS BY REDUCING REQUIRED PILOT HEAD AND EYE MOVEMENT AND BY DELETING THE REQUIREMENT TO USE THREE PILOT/AIRCRAFT INTERFACE.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED. USES OFF-THE-SHELF TECHNOLOGY.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS							27	.1	28	.1
KITS NONRECUR			1	.1			(27)	1.2	(28)	1.5
EQUIPMENT					(1)	1.5				
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE							(1)	*	(27)	.3
FY96 1 KITS										
FY97 27 KITS										
FY98 28 KITS										

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-117 31938 CONTROL DISPLAY UNIT REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
(28)		.3		55	
28		.3		1	
		.3			
TOTAL INSTALL COST				55	
TOTAL COST (BP-1100)				56	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY96 1 KITS
FY97 27 KITS
FY98 28 KITS

(1)
(27)
(28)

TOTAL INSTALL COST
TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-96		FY-97		FY-98		FY-99	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
2	2	4	1	3	3	4	4
1	1	2	2	9	9	9	9
1	1	2	2	6	6	9	9

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
F-117A
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
PE 27141F

DESCRIPTION/JUSTIFICATION: FUNDS THE CONTINUATION OF EFFORTS INITIATED IN APPN 3010/BP1900. THE
F-117 IS A CONTRACTOR LOGISTICS SUPPORT AIRCRAFT AND IS MAINTAINED IN ACCORDANCE WITH FAA
STANDARDS. SERVICE BULLETINS IMPROVE SAFETY, RELIABILITY, AND MAINTAINABILITY.

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN	FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT	PRIOR	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A															

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

TOTAL INSTALL COST															
TOTAL COST (BP-1100)															

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- NA MONTHS
FOLLOW-ON LEAD TIME -- NA MONTHS

FACT SHEET: F-117 99999S SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

10.7

TOTAL INSTALL COST

TOTAL COST (BP-1100)

10.7

MILESTONES:

FY-96	FY-97	FY-98	FY-99
-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
DESCRIPTION/JUSTIFICATION:
INITIATED IN APPN 3010/BP1900.
MAINTAIN CONFIGURATION CONTROL.

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
PE 27141F

LOW COST RETROFIT MODS, MN-99999U

F-117A

COMPLETES MISCELLANEOUS LOW COST RETROFIT MODS TO AIRCRAFT COMPONENTS
MODS MUST BE COMPLETED TO CORRECT DEFICIENCIES AND

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
AIRCRAFT												
INSTALLATION OF HARDWARE												

TOTAL INSTALL COST
TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- NA MONTHS
FOLLOW-ON LEAD TIME -- NA MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-117 99999U LOW COST RETROFIT MODS
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

9.2

TOTAL INSTALL COST

TOTAL COST (BP-1100)

9.2

MILESTONES:

FY-96	FY-97	FY-98	FY-99
-------	-------	-------	-------

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: A-10										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$29.614	\$46.849	\$79.424	\$44.093	\$26.565	\$21.782	\$19.474	\$9.501		

This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The overall goal of the modifications budgeted in FY96 is to enhance operational capability through the addition of improved communications, navigation, and targeting systems. The specific modifications budgeted and programmed are attached.

	P-1 SHOPP LIST ITEM NO. 24	PAGE NO.	182
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO TF34 AGB LIFE IMPROVEMENT, MN-18202B
MODELS OF AIRCRAFT AFFECTED A-10A
PE 27131F

DESCRIPTION/JUSTIFICATION: THIS MOD WILL INCORPORATE SEVERAL DESIGN CHANGES TO THE ACCESSORY GEARBOX (AGB) ASSOCIATED WITH UNIT REMOVALS DUE TO JET OIL ANALYSIS PROGRAM (JOAP) REJECTS/BEARING FAILURES. THE INCORPORATION OF THESE DESIGN FIXES WILL EXTEND THE USEFUL LIFE OF THE AGB AND REDUCE THE EXISTING MAINTENANCE EXPENSE ASSOCIATED WITH THE HIGH REMOVAL RATE. THESE CHANGES WILL SIGNIFICANTLY IMPROVE FLIGHT SAFETY AND ENGINE RELIABILITY AND WILL INCREASE MEAN TIME BETWEEN FAILURES FROM 3482 TO 23,021 HRS. AC: 103 ANG; 66 AFRES; 214 ACTIVE. 383 A/C X 2 ENGINES = 766 + 126 SPARES ENGINES + 55 SPARE GEARBOXES = 947.

DEVELOPMENT STATUS: NO RDT&E ASSOCIATED WITH THIS MOD.

PROJECTED FINANCIAL PLAN

PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES

INSTALLATION OF HARDWARE

FY95 141 KITS
FY96 176 KITS
FY97 172 KITS
FY98 156 KITS
FY99 138 KITS
FY00 164 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: A-10 18202B TF34 AGB LIFE IMPROVEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	138	.2	164	.2			947	1.4
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								.1
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES	(10)	*	(84)	*				
INSTALLATION OF HARDWARE								
FY95 141 KITS					(141)			1.6
FY96 176 KITS					(176)			2.0
FY97 172 KITS					(172)			2.0
FY98 156 KITS					(156)			2.0
FY99 138 KITS					(138)			1.8
FY00 164 KITS					(164)	2.4	(164)	2.4
TOTAL INSTALL COST	156	2.0	138	1.8	164	2.4	947	11.8
TOTAL COST (BP-1100)	138	2.2	164	2.0			947	13.3

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	1/95	1/96	1/97	1/98	1/99	1/00	
DELIVERY-DATE (QTR/FY):	1/96	1/97	1/98	1/99	1/00	1/01	

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
QUARTERS	1 2 3	1 2 3	1 1 1	2 3 4	1 4 4	2 3 4
INPUT	44 44 44	44 44 44	44 44 44	44 44 44	42 42 42	36 36 36
OUTPUT	41 44 44	44 44 44	44 44 44	44 44 44	42 42 42	36 36 36

INSTALLATION SCHEDULE:	FY-00	FY-01
QUARTERS	1 2 3	1 2 3
INPUT	36 36 36	41 41 41
OUTPUT	36 36 36	41 41 41

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

FY 1996 PRE

MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150

MODELS OF AIRCRAFT AFFECTED A-10A/OA-10 PE 27131F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITIONING/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES. THE A-10 GPS AND A-10 INTEGRATED DATA MODEM (MN# 3441) ARE INTERRELATED/DEPENDENT MODIFICATIONS. AIRCRAFT 103 ANG; 63 AFR AND 213 ACTIVE. LEADTIME FOR FIRST THREE KITS REDUCED BECAUSE ASSETS WERE LOANED FROM GPS JOINT PRGM OFFICE.

DEVELOPMENT STATUS: OPERATIONAL ASSESSMENT COMPLETED IN AUG 94.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
ROT&E (3600)		.7																

PROCUREMENT (3010)

INSTALL KITS	2	2.7	11	.3	94	3.1	133	4.2	103	3.4	36	1.2
KITS NONREC		5.6		2.4		6.2		.2				
EQUIPMENT		4.8	(11)	1.8	(94)	14.9	(133)	21.9	(103)	17.3	(36)	6.1
EQUIP NONREC												
CHANGE ORDERS		1.6								.1		.3
DATA		2.9		1.5		.7		.1				
SIM/TRAINER						.5		.6		.4		
SUPPORT-EQUIP		3.9		.1		.2		.2				
ICS				.5		.2		.3		.1		.1
FLIGHT TEST												
MOD OF SPARES												
INSTALLATION OF HARDWARE												
FY92 2 KITS	(2)	.2					(1)	*	(10)	.5	(80)	3.6
FY94 11 KITS									(14)	.5	(24)	1.1
FY95 94 KITS												
FY96 133 KITS												
FY97 103 KITS												
FY98 36 KITS												

TOTAL INSTALL COST	2	.2					1		24	1.0	104	4.7
TOTAL COST (BP-1100)	2	21.7	11	6.8	94	25.8	133	27.5	103	22.3	36	12.4

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 28 MONTHS

FACT SHEET; A-10 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							379	14.9
KITS NONRECUR								14.4
EQUIPMENT								66.8
EQUIP NONREC								1.7
CHANGE ORDERS								8.5
DATA		3.0						
SIM/TRAINER								5.5
SUPPORT-EQUIP								1.6
ICS								1.0
FLIGHT TEST								.4
MOD-OF SPARES								
INSTALLATION OF HARDWARE								
FY92 2 KITS							(2)	.2
FY94 11 KITS							(11)	.5
FY95 94 KITS							(94)	4.1
FY96 133 KITS							(133)	6.1
FY97 103 KITS	(109)	5.0					(103)	4.9
FY98 36 KITS	(11)	.5					(36)	1.7
							(14)	.7
TOTAL INSTALL COST	120	5.5	114	5.4			14	.7
							379	17.5
TOTAL COST (BP-1100)		8.6		5.5			379	131.3

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:			FY-93		FY-94		FY-95		FY-96	
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	1		1							
OUTPUT	1			1						1

INSTALLATION SCHEDULE:			FY-97		FY-98		FY-99	
QUARTERS	1	2	3	4	1	2	3	4
INPUT		2	6	16	24	24	33	21
OUTPUT		2	2	6	16	24	32	33

INSTALLATION SCHEDULE:			FY-00		FY-01	
QUARTERS	1	2	3	4	1	2
INPUT	27	27	28	32	14	
OUTPUT	21	27	27	28	32	14

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO A/B SINGGARS AJ COMM, MN-3429
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

PE 27131F

MODELS OF AIRCRAFT AFFECTED ALL

DESCRIPTION/JUSTIFICATION: IMPROVES A-10 CLOSE AIR SUPPORT (CAS) CAPABILITY. SINGGARS IS A
JAM RESISTANT RADIO THAT REPLACES THE ARC-186 FM RADIO ON ALL CAS AIRCRAFT. THIS EFFORT
PROCURES THE ANTENNA AND GROUP A FOR THE A-10. ELECTRONIC SYSTEMS CENTER (ESC) IS ON CONTRACT
FOR THE DEVELOPMENTAL EFFORT AND PROCUREMENT OF THE SINGGARS RADIOS.

DEVELOPMENT STATUS: ESC CONTRACT FOR THE SINGGARS RADIO IS IN THE DEVELOPMENT PHASE. THE A-10
PLATFORM WILL BE UTILIZED TO PERFORM INITIAL FLIGHT TESTING OF THE SINGGARS RADIO. THE
ECS FLIGHT TEST INSTALLATION IS CONSIDERED A TRIAL INSTALLATION AND WILL BE DOCUMENTED
WITH A TEMPORARY MODIFICATION PACKAGE. THE TEST AIRCRAFT WILL BE DEMODIFIED UPON COMPLETION
OF THE TEST PROGRAM. A/C: ACTIVE 213, ANG 103, AFRES 63 = 379

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR		1	2	.1	131
EQUIPMENT			(2)	.1	(131)
EQUIP NONREC	(1)	*			1.2
CHANGE ORDERS		.1			
DATA					
SIM/TRAINER					
SUPPORT-EQUIP		.5			
SOFTWARE				.2	
FLIGHT TEST					
INSTALLATION OF HARDWARE	(1)	*		*	
FY95 1 KIT			(2)		(32)
FY96 2 KITS					.6
FY98 131 KITS					
FY99 103 KITS					
FY00 104 KITS					
FY01 39 KITS					

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 08 MONTHS

FOLLOW-ON LEAD TIME -- 08 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: A-10 3429 A/B SINGARS AJ COMM
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	103	.5	104	.5	39	.2	379	1.9
KITS NONRECUR							1	.1
EQUIPMENT	(103)	1.0	(104)	1.0		.4		3.7
EQUIP NONREC								
CHANGE ORDERS								.1
DATA								
SIM/TRAINER								.5
SUPPORT-EQUIP								.2
SOFTWARE								
FLIGHT TEST								
INSTALLATION OF HARDWARE								
FY95 1 KIT							(1)	
FY96 2 KITS							(2)	
FY98 131 KITS	(99)	1.7	(82)	1.4			(131)	2.3
FY99 103 KITS	(21)	.3	(32)	.6			(103)	1.7
FY00 104 KITS					(72)	1.3	(104)	1.9
FY01 39 KITS					(39)	.8	(39)	.8
TOTAL INSTALL COST	120	2.0	114	2.0	111	2.1	380	6.7
TOTAL COST (BP-1100)	103	3.5	104	3.5	39	2.7	380	13.2

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

FY 1996 PRE
MODIFICATION TITLE AND NO IDM, MN-3441

CLC A-10 CLASS P

PE 27131F

MODELS OF AIRCRAFT AFFECTED A/OA-10

DESCRIPTION/JUSTIFICATION: UPGRADES AVIONICS TO PROVIDE EFFECTIVE CLOSE AIR SUPPORT (CAS) FORWARD AIR CONTROL MISSION AND ENHANCE PERFORMANCE IN LOW INTENSITY CONFLICTS. THE IMPROVED DATA MODEM (IDM) INTERFACES WITH EXISTING ACFT RADIOS AND PROVIDES A FAST, RELIABLE TRANSFER OF TARGET INFO IN DIGITAL FORMAT. IDM SYSTEMS WILL BE FIELD IN ALL ELEMENTS OF THE TACTICAL AIR CONTROL SYS. THE IDM SIGNIFICANTLY IMPROVES MISSION EFFECTIVENESS BY IMPROVING THE RELIABILITY AND TRANSMISSION SPEED OF INFO. DATA WILL BE MORE JAM RESISTANT. EXPOSURE TIME AND COCKPIT TASKS WILL BE REDUCED THEREBY IMPROVING SURVIVABILITY. A/C:103 ANG, 63 AFRES, 211 ACTIVE. TWO A/C MODIFIED WITH R&D FUNDS. 377 A/C MODIFIED WITH 3010 FUNDS.

DEVELOPMENT STATUS: OPERATIONAL ASSESSMENT COMPLETED AUG 94.

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE&E (3600)		13.0								

RDTE&E (3600)

PROCUREMENT (3010)

INSTALL KITS	11	.4	94	3.2	133	4.3	103	3.4	36	1.2
KITS NONRECUR	(11)	2.9	(94)	2.5	(133)	.5	(103)	10.3	(36)	3.8
EQUIPMENT		1.1		9.6		13.0				
EQUIP NONREC								.1		.3
CHANGE ORDERS		1.8		.7		*				
DATA										
SIM/TRAINER				2.8						
SUPPORT-EQUIP		.2		.2		.2				
ICS		.5		.5		.5				
FLIGHT TEST										
INSTALLATION OF HARDWARE					(1)	.1	(10)	.3	(80)	2.4
FY94 11 KITS							(14)	.4	(24)	.8
FY95 94 KITS										
FY96 133 KITS										
FY97 103 KITS										
FY98 36 KITS										

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 23 MONTHS

FOLLOW-ON LEAD TIME -- 28 MONTHS

FACT SHEET: A-10 3441 ID
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								13.0
PROCUREMENT (3010)							377	12.5
INSTALL KITS								5.9
KITS NONRECUR								37.8
EQUIPMENT								.1
EQUIP NONREC								2.8
CHANGE ORDERS								2.8
DATA								.6
SIM/TRAINER								1.5
SUPPORT-EQUIP								.4
ICS							(11)	2.8
FLIGHT TEST							(94)	4.1
INSTALLATION OF HARDWARE							(133)	3.4
FY94 11 KITS							(103)	1.3
FY95 94 KITS	(109)	3.3	(92)	2.9			(36)	12.0
FY96 133 KITS	(11)	.5	(22)	.8				76.0
FY97 103 KITS								
FY98 36 KITS								
TOTAL INSTALL COST	120	3.8	114	3.7				
TOTAL COST (BP-1100)		3.8		3.7				

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-96	3	4	1	3	4	1	3	4
	QUARTERS	2	2	2	2	2	2	2	2
	INPUT	1							
INSTALLATION SCHEDULE:	FY-00	3	4	1	3	4	1	3	4
	QUARTERS	2	2	2	2	2	2	2	2
	INPUT	27	28	32	14				
INSTALLATION SCHEDULE:	FY-01	27	27	28	32	14			
	QUARTERS	21	21	21	21	21	21	21	21
	INPUT								

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NIGHT VISION IMAGING SYSTEM LIGHTING, MN-7092
MODELS OF AIRCRAFT AFFECTED ALL
PE 27131F

DESCRIPTION/JUSTIFICATION: IMPROVES A-10 CLOSE-AIR SUPPORT CAPABILITY AND RESPONDS TO DESERT SHIELD/STORM DEFICIENCIES. REVISES COCKPIT AND EXTERIOR LIGHTING TO ALLOW PILOT TO WEAR NIGHT VISION GOGGLES (NVIS TYPE 2, CLASS A REQUIREMENT). THIS WILL BE ACCOMPLISHED THROUGH A COMBINATION OF INTERNAL LIGHTING MODIFICATION, BEZEL FLOOD LIGHTING, FILTERS AND REPLACEMENT OFFRONT WINDSCREEN. MOD PREVIOUSLY TITLED "NIGHT ATTACK CAPABILITIES". MOD RENAMED BECAUSE A/B SINGARS (A-10 MN# 3429), INTEGRATED DATA MODEM (MN# 3441), AND NAVSTAR GPS (A-10 MN# 3150) ARE ALSO REQUIRED TO PROVIDE FULL A-10 NIGHT ATTACK CAPABILITY. 108 ANG, 66 AFR, 211 ACTIVE.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN
PRIORITY QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS 213 10.4 131 8.1 33 2.2
KITS NONRECUR 2 .5
EQUIPMENT .8
EQUIP NONREC .1
CHANGE ORDERS 2.4
DATA *
SIM/TRAINER .2
SUPPORT-EQUIP .9
MOD OF SPARES 4.8
INSTALLATION OF HARDWARE (2) .2 (213) 4.8 (131) 2.4 (33) .6
FY94 215 KITS
FY96 131 KITS
FY97 33 KITS

TOTAL INSTALL COST 2 .2 213 4.8 131 8.1 33 2.4 33 .6
TOTAL COST (BP-1100) 215 14.4 7.1 131 33 4.6 .6

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 8 MONTHS
FOLLOW-ON LEAD TIME -- 10 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: A-10 7092
PROJECTED FINANCIAL PLAN

NIGHT VISION IMAGING SYSTEM LIGHTING
(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					377	20.7		
KITS NONRECUR					2	.5		
EQUIPMENT						.8		
EQUIP NONREC						.1		
CHANGE ORDERS								
DATA								
SIM/TRAINER						2.4		
SUPPORT-EQUIP						.2		
MOD OF SPARES						2.1		
INSTALLATION OF HARDWARE								
FY94 215 KITS					(215)	5.0		
FY96 131 KITS					(131)	2.4		
FY97 33 KITS					(33)	.6		
TOTAL INSTALL COST					379	8.0		
TOTAL COST (BP-1100)					379	34.8		

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
INSTALLATION SCHEDULE:						
QUARTERS	1	2	3	4	1	2
INPUT	33	33	33	33	33	33
OUTPUT	33	33	33	33	33	33

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-94	2	3	4	1	2	3
FY-95	2	3	4	1	2	3
FY-96	2	3	4	1	2	3
FY-97	2	3	4	1	2	3
FY-98	2	3	4	1	2	3
FY-99	2	3	4	1	2	3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
MODIFICATION TITLE AND NO REGENERATION OF A-10S, MN-7093
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P
PE 27131F
MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: REGENERATION OF A-10'S IS REQUIRED TO RELIEVE INVENTORY SHORTFALLS.
A-10'S WILL BE REGENERATED FROM THE AEROSPACE AND MAINTENANCE AND REGENERATION CENTER (AMARC)
AT DAVIS MONTHAN AFB, AZ. AIRCRAFT WILL BE MODIFIED TO THE CURRENT CONFIGURATION
BASELINE. MODIFICATIONS INCLUDE LASTE, COCKPIT AIR REDISTRIBUTION, FUEL FOAM,
ELECTROLUMINESCENT LIGHTING, AERP, OUTER WING SPAR AND OTHERS. AIRCRAFT: 5 ANG; 5 AFR;
10 ACTIVE.

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY96 20 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- NA MONTHS

FACT SHEET: A-10 7093 REGENERATION OF A-10S
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----		-----	

FY-99		FY-00	
QTY	AMT	QTY	AMT
-----		-----	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY96 20 KITS

20	19.6
	.7

(	20)	2.2
-----		-----
20		2.2
20		22.5

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-96

CONTRACT-DATE (QTR/FY): 2/96
DELIVERY-DATE (QTR/FY): 3/96

FY-96		FY-97	
QTR	AMT	QTR	AMT
1	2	3	4
10	10	10	10

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										FEBRUARY 1995
P-1 ITEM NOMENCLATURE: F/RF-4										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.043	\$1.624	\$0.061	\$0.136	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

This line item funds modifications to the F-4 aircraft. The F/RF-4 is a twin engine, two seat aircraft which performs tactical reconnaissance and suppression of enemy aircraft defense missions. The overall goal of the modifications budgeted in FY96 is to improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST ITEM NO. 26	PAGE NO.	195
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO EO-LOROPS, MN-3219
MODELS OF AIRCRAFT AFFECTED RF-4C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F/RF-4 CLASS P
PE 27128F

DESCRIPTION/JUSTIFICATION: THE RF-4C WILL BE EQUIPPED WITH A HIGH RESOLUTION ELECTRO OPTICAL LONG RANGE OBLIQUE PHOTOGRAPHIC (EO LOROP) CAPABILITY USING A MINIMUM 66 INCH FOCAL LENGTH CAMERA. THIS ADDED CAPABILITY WILL PROVIDE BETTER OPTICAL DATA AS WELL AS IMPROVE THE SURVIVABILITY OF THE AIRCRAFT. THIS WILL BE AN ELECTRICAL OPTICAL CAMERA. THE CAMERAS WILL BE MOVED BETWEEN AIRCRAFT AS REQUIRED. 90 MOD INSTALL: FY 94 O.120

DEVELOPMENT STATUS: COMPLETE: AIRCRAFT BREAKOUT: 12 ANG; O AFRES; O ACTIVE

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	22	1.5
KITS NONRECUR	2	2.1
EQUIPMENT		25.5
EQUIP NONREC		5.5
CHANGE ORDERS		1.8
DATA		
SIM/TRAINER		
SUPPORT-EQUIP		3.4
INSTALLATION OF HARDWARE		
FY90 8 KITS		

TOTAL INSTALL COST

TOTAL COST (BP-1100) 24 39.8

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 33 MONTHS

FACT SHEET: F/RF-4 3219 EO-LOROPS
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					22	1.5		
KITS NONRECUR					2	2.1		
EQUIPMENT						25.5		
EQUIP NONREC						5.5		
CHANGE ORDERS						1.8		
DATA								
SIM/TRAINER						3.4		
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE					(8)	.2		
FY90 8 KITS						.2		
TOTAL INSTALL COST								
TOTAL COST (BP-1100)					24	40.0		

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
MILESTONES:										
CONTRACT-DATE (QTR/FY):	2/88									
DELIVERY-DATE (QTR/FY):	4/94									

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: F-15										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$264.925	\$184.793	\$79.488	\$143.051	\$241.222	\$316.619	\$308.732	\$313.408		

This line item funds modifications to the F-15 aircraft. The F-15A/B/C/D is a twin engine, single seat, supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO AFT ENGINE BAY FIRE DETECTION, MN-13639A
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P-S

MODELS OF AIRCRAFT AFFECTED F-15

PE 27130F

DESCRIPTION/JUSTIFICATION: PROVIDES A FIRE DETECTION SYSTEM FOR THE ENGINE AFTERBURNER SECTION OF THE F-15 ACFT. DURING THE PAST FEW YEARS, THE F-15 FLEET HAS EXPERIENCED 42 FIRES IN THE AFTERBURNER SECTION. THE FIRES WERE NOT DETECTED IN FLIGHT BY PILOTS BECAUSE THERE IS NO DETECTION SYSTEM IN THIS SECTION OF THE ENGINE BAY. AFTERBURNER SECTION IS SEPARATED FROM THE STABILATOR ACTUATOR ONLY BY ACFT SKIN. LOSS OF STABILATOR ACTUATOR WOULD RESULT IN LOSS OF FLIGHT CONTROL. A FIRE DETECTION SYSTEM WILL PROVIDE THE PILOT WITH SUFFICIENT WARNING TO EXTINGUISH THE FIRE PRIOR TO CATASTROPHIC DAMAGE TO THE AIRCRAFT.

DEVELOPMENT STATUS: ECP 1851: AUG 85. CCB APR 86. MIP WRFAR840099. NO FLIGHT TEST REQUIRED. (AIRCRAFT BREAKOUT: 117 ANG; 0 AFRES; AND 390 ACTIVE).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	409	6.5	113	1.5	46	.7						
KITS NONRECUR	2	.4										

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

TRAINER KITS

INSTALLATION OF HARDWARE

FY90 313 KITS	(313)											
FY93 98 KITS	(98)	1.2					(113)	1.4	(46)	.8		

FY94 113 KITS

FY95 46 KITS

TOTAL INSTALL COST

	411	1.2					113	1.4	46	.8		
--	-----	-----	--	--	--	--	-----	-----	----	----	--	--

TOTAL COST (BP-1100)

	411	12.5	113	1.5	46	.7		1.4		.8		
--	-----	------	-----	-----	----	----	--	-----	--	----	--	--

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 28 MONTHS
FOLLOW-ON LEAD TIME -- 14 MONTHS

FACT SHEET: F-15 13639A AFT ENGINE BAY FIRE DETECTION
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							568	8.7
KITS NONRECUR							2	.4
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								.5
DATA								3.9
SIM/TRAINER								
SUPPORT-EQUIP								
TRAINER KITS								
INSTALLATION OF HARDWARE								
FY90 313 KITS							(313)	
FY93 98 KITS							(98)	1.2
FY94 113 KITS							(113)	1.4
FY95 46 KITS							(46)	.8
TOTAL INSTALL COST							570	3.4
TOTAL COST (BP-1100)							570	16.9

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	2/90	4/90	4/90	4/90	4/93	4/93	4/94	1/95		
DELIVERY-DATE (QTR/FY):	4/91	3/92	3/92	3/92	1/95	1/95	1/96	2/96		
INSTALLATION SCHEDULE:										
QUARTERS	2	1	2	4	2	3	4	2	3	4
INPUT	1	1	1	1	1	5	20	48	48	47
OUTPUT	3	1	1	1	1	5	5	20	48	48
INSTALLATION SCHEDULE:										
QUARTERS	2	4	2	4	2	3	4	2	3	4
INPUT	20	19	29	26	29	29	26	48	48	47
OUTPUT	20	20	29	29	29	29	29	29	29	29
INSTALLATION SCHEDULE:										
QUARTERS	1	4	2	4	2	3	4	2	3	4
INPUT	24	4	2	26	29	29	26	48	48	47
OUTPUT	26	4	2	29	29	29	29	29	29	29

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
F-15 C/D
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27130F

DESCRIPTION/JUSTIFICATION: WILL IMPROVE THE COOLING OF THE ENVIRONMENTAL CONTROL SYSTEM (ECS) BY REPLACING THE PRIMARY AND CABIN WATER SEPARATOR WITH A HIGH PRESSURE WATER SEPARATOR; DRY AIR CAN BE PROVIDED AT COLDER TEMPERATURES. THE INCREASED COOLING WILL PROVIDE A 40% INCREASE IN RELIABILITY OF AVIONICS LINE REPLACEABLE UNITS (LRUS). A RETROFIT MOD.

DEVELOPMENT STATUS: ECP FROM MCAIR 30 NOV 85. CCB: MAY 87. NO FLIGHT TEST REQUIRED. ACFT
BREAKOUT: O ANG: 412 ACTIVE. (43 RECEIVED MOD DURING PRODUCTION).

PROJECTED FINANCIAL PLAN
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDTE (3600) N/A

PROCUREMENT (3010)
INSTALL KITS 162 22.8
KITS NONREC 1.5
EQUIPMENT
EQUIP NONREC 1.7
CHANGE ORDERS

DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
TOOLING

INSTALLATION OF HARDWARE
FY90 2 KITS (2)
FY92 62 KITS (62)
FY93 98 KITS (98)
FY96 62 KITS
FY97 57 KITS
FY98 89 KITS

TOTAL INSTALL COST 162 5.7
TOTAL COST (BP-1100) 162 32.1

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 21 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: F-15 13647B HIGH PRESSURE WATER SEPARATOR
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99	FY-00	TO COMP	TOTAL
	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
TOOLING

INSTALLATION OF HARDWARE

FY90 2 KITS
FY92 62 KITS
FY93 98 KITS
FY96 62 KITS
FY97 57 KITS
FY98 89 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO LANDING GEAR WIRING/SWITCHES, MN-16628B
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED F-15 A/B/C/D

PE 27130F

DESCRIPTION/JUSTIFICATION: LANDING GEAR SYSTEM FAILURE IS BEING CAUSED BY VIBRATION AND FLIGHT WIND LOADS ON THE WIRING AT THE SPLICE AREA. IF WIRES BREAK, THE ASSOCIATED PROXIMITY OR WEIGHT ON WHEELS (WOW) SWITCH HAS TO BE REPLACED. THERE HAVE BEEN 80 AIRCRAFT ABORTS. THE MODIFICATION INCORPORATES REDESIGNED SWITCHES OR SPEED SENSOR CIRCUIT (SSC) TO CONNECTOR ON AIRCRAFT BULKHEAD. THERE WILL BE A SEPARATE HARNESS FOR EACH SWITCH/SSC. NOSE LANDING LIGHT HARNESS WILL BE REPLACED AND ENCAPSULATED IN TUBING. 90 MOD INSTAL (\$1.624).

DEVELOPMENT STATUS: ECP RECEIPT ORGANIC; CCB MAY 89. NO FLIGHT TEST REQUIRED; MOD WILL BE ORGANICALLY ASSEMBLED. PRODUCTIVITY, RELIABILITY, AVAILABILITY AND MAINTAINABILITY (PRAM) DID PROTOTYPE. (AIRCRAFT BREAKOUT: 117 ANG; O AFRES; AND 408 ACTIVE).

PROJECTED FINANCIAL PLAN

	PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	218	1.9	98	1.5	48	.8	48	.8	48	.8	48	.8
KITS NONRECUR					(48)	.3	(48)	.3	(48)	.3	(48)	.6
EQUIPMENT		1.0	(98)	1.1								
EQUIP NONREC												
CHANGE ORDERS		.3										
DATA		.9										
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
INSTALLATION OF HARDWARE			(115)	1.6								
FY90 115 KITS												
FY91 135 KITS	(135)	.3										
FY92 83 KITS	(83)	.7										
FY94 98 KITS					(98)	1.2	(48)	.4	(48)	.6		
FY96 48 KITS												
FY97 48 KITS												
FY98 48 KITS												
FY99 29 KITS												

TOTAL INSTALL COST

218 1.0 115 1.6

.6

TOTAL COST (BP-1100)

218 5.1 98 4.2

2.0

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: F-15 16628B LANDING GEAR WIRING/SWITCHES
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	29	.3					489	6.1
KITS NONRECUR	(29)	.2						3.5
EQUIPMENT								.3
EQUIP NONREC								.9
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY90 115 KITS							(115)	1.6
FY91 135 KITS							(135)	.3
FY92 83 KITS							(83)	.7
FY94 98 KITS							(98)	1.2
FY96 48 KITS							(48)	.4
FY97 48 KITS							(48)	.6
FY98 48 KITS							(48)	.4
FY99 29 KITS	(48)	.4	(29)	.6			(29)	.6
TOTAL INSTALL COST	48	.4	29	.6			604	5.8
TOTAL COST (BP-1100)	29	.9		.6			489	16.6

MILESTONES:

	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	4/91	4/93		1/95	1/96	1/96	1/97	1/98	1/99		
DELIVERY-DATE (QTR/FY):	1/94	3/95		1/97	1/98	1/98	1/99	1/00	1/01		

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	3	43	44	43	43	43	42
OUTPUT						1	3	43	43	43	43	42

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4				
INPUT	25	24	24	24	12	12	12	12				
OUTPUT	42	25	25	24								

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4				
INPUT	12	12	12	12	12	12	12	12				
OUTPUT	12	12	12	12	12	12	12	12	6			

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO WING FUEL TRANSFER PUMP, MN-16701B
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED F-15A/B/C/D

PE 27130F

DESCRIPTION/JUSTIFICATION: BOTH WINGS/CFTS CONTAIN FUEL TRANSFER PUMPS WHICH MAINTAIN A STEADY FLOW OF FUEL FROM THE WING/CFTS. IF ONE OF THE PUMPS FAIL, PILOT HAS NO INDICATION. FAILED TRANSFER PUMP ALLOWS EXCESSIVE FUEL IMBALANCE TO RAPIDLY DEVELOP, CAUSING A WING HEAVY CONDITION. IF PILOT FAILS TO REALIZE CONDITION, HE MAY EXCEED ANGLE OF ATTACK AND LOSE CONTROL OF AIRCRAFT. IN THIS ATTITUDE FLIGHT CONTROLS NO LONGER FUNCTION. THREE MISHAPS OF THIS NATURE HAVE OCCURRED, WITH LOSS OF ONE AIRCRAFT DOCUMENTED. INCORPORATES A WARNING INDICATOR TO THE COCKPIT TO ALERT THE PILOT. THERE WILL BE TWO CURRENT MONITORS ATTACHED TO THE PUMP WIRING ASSEMBLY RUNNING TO THE COCKPIT AND FOUR ADDED FOR EACH CFT.

DEVELOPMENT STATUS: FLIGHT TEST NOT REQUIRED. ECP MAR 87. CCB OCT 87. (AIRCRAFT BREAKOUT: 117 ANG; O AFRES, AND 418 ACTIVE).

PROJECTED FINANCIAL PLAN

PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 430 3.1 101 1.4

KITS NONREC 4 .3 *

EQUIPMENT .4 (101)

EQUIP NONREC .2

CHANGE ORDERS 2.5

DATA .1

SIM/TRAINER .1

SUPPORT-EQUIP .1

MOD OF SPARES .1

INSTALLATION OF HARDWARE

FY90 233 KITS (233)

FY92 104 KITS (104)

FY93 97 KITS (97)

FY94 101 KITS (101)

TOTAL INSTALL COST 434 3.5 101 1.1

TOTAL COST (BP-1100) 434 10.2 101 1.4

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-15 16701B WING FUEL TRANSFER PUMP
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP
QTY AMT

TOTAL
QTY

AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES

INSTALLATION OF HARDWARE

FY90 233 KITS

FY92 104 KITS

FY93 97 KITS

FY94 101 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY): 4/89
DELIVERY-DATE (QTR/FY): 4/91

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 2
OUTPUT 2

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 13
OUTPUT 19

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 2
OUTPUT 4

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
STANDARD FLIGHT DATA RECORDER, MN-17606B
PE 27134F
F-15E

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING ACFT STRUCTURAL INTEGRITY PROGRAM RECORDERS WITH NEW MICROPROCESSOR CONTROLLED DIGITAL RECORDERS. IN ADDITION, ALL AIRCRAFT WILL HAVE THE NEW RECORDER INSTEAD OF ONE IN FIVE WITH THE PREVIOUS RECORDER. MTBF WILL BE INCREASED TO 1500 HOURS OVER 300 HOURS FOR THE PREVIOUS RECORDER. ADDITIONAL CAPABILITIES ARE ALSO PROVIDED WITH THE NEW RECORDER.

DEVELOPMENT STATUS: CONFIGURATION CONTROL BOARD: JULY 90 (ACFT BREAKOUT: 43 ACTIVE).

PROJECTED FINANCIAL PLAN												
PRIOR			FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)			3.2	1.0								
PROCUREMENT (3010)												
INSTALL KITS					43	2.4						
KITS NONRECUR					(43)	2.9						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA				.4								
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES			1.6									
INSTALLATION OF HARDWARE												
FY94 43 KITS							(20)	.5	(23)	.7		
TOTAL INSTALL COST												
TOTAL COST (BP-1100)			2.0	43	5.3			.5	23	.7		
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- MONTHS												

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MSGS, MN-197500
MODELS OF AIRCRAFT AFFECTED F-15E
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27134F

DESCRIPTION/JUSTIFICATION: REPLACES THE CURRENT LIQUID OXYGEN SYSTEM (LOX) WITH ON-BOARD OXYGEN GENERATING SYSTEM (OBOGS). REDUCES MAINTENANCE ACTIONS REQUIRED FOR FLIGHT AND REDUCES THE LOGISTICS SUPPORT REQUIRED FOR THE F-15E. AF VERSION DIFFERS FROM NAVY VERSION BECAUSE IT CONTAINS A BACKUP OXYGEN SYSTEM AND AN IMPROVED OXYGEN SENSOR TO PRECLUDE FREEZING AT 22 DEGREES.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. (128 ACTIVE).

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	79	6.2	49	3.9		
--------------	----	-----	----	-----	--	--

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY92 55 KITS	(55)	1.4				
--------------	--------	-----	--	--	--	--

FY93 24 KITS	(24)	.6				
--------------	--------	----	--	--	--	--

FY94 49 KITS			(49)	1.1		
--------------	--	--	------	-----	--	--

TOTAL INSTALL COST	79	2.0		49	1.1	
--------------------	----	-----	--	----	-----	--

TOTAL COST (BP-1100)	79	8.1	49	3.9	1.1	
----------------------	----	-----	----	-----	-----	--

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-15 197500 M SOGS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99	FY-00	TOTAL
	QTY	QTY	QTY
	AMT	AMT	AMT
RDT&E (3600) N/A			
PROCUREMENT (3010)			
INSTALL KITS			
KITS NONRECUR			
EQUIPMENT			
EQUIP NONREC			
CHANGE ORDERS			
DATA			
SIM/TRAINER			
SUPPORT-EQUIP			
INSTALLATION OF HARDWARE			
FY92 55 KITS	(((
FY93 24 KITS)))
FY94 49 KITS			
TOTAL INSTALL COST	128	128	128
	10.1	10.1	10.1

MILESTONES:		FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):		4/92	4/94	4/94			
DELIVERY-DATE (QTR/FY):		2/94	3/95	1/96			
INSTALLATION SCHEDULE:							
QUARTERS	1	2	3	4	1	2	3
INPUT		1		8	10	12	12
OUTPUT			1	8	10	12	12
INSTALLATION SCHEDULE:							
QUARTERS	1	2	3	4	1	2	3
INPUT					18	12	12
OUTPUT					18	12	12

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO GPS, MN-3150E
MODELS OF AIRCRAFT AFFECTED F-15E
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27134F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVI-
GATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE JAM
RESISTENT, THREE DIMENSIONAL, POSITION, VELOCITY, AND WORLDWIDE IN ALL WEATHER TO IMPROVE
MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: ACFT BREAKOUT: 0 ANG, 0 AFRES, 204 ACTIVE. MCAIR STUDY, MAR 91.
EMD CONTRACT AWARD AUG 92.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		8.4		1.9		1.0						
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			130	6.8	74	3.6						
KITS NONRECUR												
EQUIPMENT			(130)	12.6	(74)	6.9						
EQUIP NONREC												
CHANGE ORDERS												
DATA				.2		.3						
SIM/TRAINER					(4)	.2						
SUPPORT-EQUIP				1.2		.7						
INSTALLATION OF HARDWARE												
FY94 130 KITS							(72)	5.4	(58)	4.8	(36)	3.2
FY95 74 KITS									(38)	2.7		
TOTAL INSTALL COST												
							72	5.4	96	7.5	36	3.2
TOTAL COST (BP-1100)												
			130	20.8	74	11.7		5.4		7.5		3.2
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

FACT SHEET: F-15 3150E GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 130 KITS					(	130)		10.2
FY95 74 KITS					(	74)		5.9
TOTAL INSTALL COST							204	16.1
TOTAL COST (BP-1100)							204	48.6

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
--	-------	-------	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-96							
	2	4	1	4	3	4	3	4
	24	24	24	24	18	18	18	18
QUARTERS								
INPUT								
OUTPUT								

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150M
MODELS OF AIRCRAFT AFFECTED F-15A/B/C/D
DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACED BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 117 ANG, 0 AFRES, 413 ACTIVE, MCAIR STUDY, MAR 91.

PROJECTED FINANCIAL PLAN														
PRIOR			FY-94		FY-95		FY-96		FY-97		FY-98			
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
-----			-----		-----		-----		-----		-----		-----	
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS														
KITS NONREC														
EQUIPMENT														
EQUIP NONREC														
CHANGE ORDERS														
DATA														
SIM/TRAINER														
SUPPORT-EQUIP														
TOOLING														
INSTALLATION OF HARDWARE														
FY96 4 KITS														
FY97 100 KITS														
FY98 250 KITS														
FY99 136 KITS														
FY00 40 KITS														
-----			-----		-----		-----		-----		-----		-----	
TOTAL INSTALL COST														
TOTAL COST (BP-1100)														

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-15 3150M NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)								13.7
PROCUREMENT (3010)							530	27.3
INSTALL KITS	136	7.5	40	2.2				
KITS NONRECUR	(136)	19.1	(40)	5.6				75.7
EQUIPMENT								.2
EQUIP NONREC		.3						1.0
CHANGE' ORDERS								3.0
DATA								1.0
SIM/TRAINER		.1						5.4
SUPPORT-EQUIP								
TOOLING								
INSTALLATION OF HARDWARE								
FY96 4 KITS					(4)			.6
FY97 100 KITS					(100)			8.3
FY98 250 KITS					(250)			20.8
FY99 136 KITS	(250)	20.8	(136)	11.6	(136)			11.6
FY00 40 KITS					(40)	4.5	(40)	4.5
TOTAL INSTALL COST	250	20.8	136	11.6	40	4.5	530	45.8
TOTAL COST (BP-1100)	136	47.8	40	19.4			530	159.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-00	FY-00
INSTALLATION SCHEDULE:								
QUARTERS	2	3	3	4	1	4	2	3
INPUT	1	2	25	25	63	61	34	34
OUTPUT	1	1	2	25	25	63	61	34
INSTALLATION SCHEDULE:								
QUARTERS	1	2	3	4	1	4	2	3
INPUT	30	10	30	30	63	61	34	34
OUTPUT	34	10	30	30	63	61	34	34
INSTALLATION SCHEDULE:								
QUARTERS	1	2	3	4	1	4	2	3
INPUT	30	10	30	30	63	61	34	34
OUTPUT	34	10	30	30	63	61	34	34

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO MSIP PROGRAM: C/D SERIES, MN-3192

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED F-15C/D

PE 27130F

DESCRIPTION/JUSTIFICATION: SELF-PROTECTION SUITES REMAINED RELATIVELY UNCHANGED SINCE INITIAL DESIGN
RADAR FLEXIBILITY EXHAUSTED, ARMAMENT CONTROL SET SATURATED, CENTRAL COMPUTER SATURATED AND
STORE STATION INTERFACES ARE INCOMPATIBLE WITH NEW WEAPONS. PROVIDES TACTICAL ELECTRONIC WAR-
FARE SYSTEM (TEWS) UPDATE (INCLUDES ALR-56 RWR/ALQ-135 JAMMER), NEW CENTRAL COMPUTER, AMRAAM,
PROGRAMMABLE ARMAMENT CONTROL SYSTEM, SPLIT-SCREEN COCKPIT TV SENSOR AND ALL ENVIRONMENT ID.
ID PORTION TO INCLUDE BEYOND VISUAL RANGE CAPABILITY THROUGH THE USE OF DUAL MODE RECOGNITION
BY CIRCUIT CARD CHANGES IN THE APG-63 RADAR LRU.

DEVELOPMENT STATUS: INVOLVES AT LEAST 22 SEPARATE CONTRACTING ACTIONS.
ACFT BREAKOUT: O ANG; O AFRES; 304 ACTIVE (118 C/D'S RECEIVED MSIP
DURING PRODUCTION).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

235.0

PROCUREMENT (3010)

INSTALL KITS	286	95.4	14	6.0								
KITS NONRECUR	4	21.0										
EQUIPMENT		148.7	(14)	8.0								
EQUIP NONREC												
CHANGE ORDERS		4.4										
DATA		26.6										
SIM/TRAINER		7.0		2.7								
SUPPORT-EQUIP		12.2										
MOD OF SPARES		6.2										
TOOLING												

INSTALLATION OF HARDWARE

FY88 30 KITS	(30)											
FY89 23 KITS	(23)											
FY90 146 KITS	(146)											
FY91 36 KITS	(36)	21.8										
FY92 39 KITS	(39)	22.1										
FY93 16 KITS	(16)	13.4										
FY94 14 KITS												

TOTAL INSTALL COST 290 57.3

TOTAL COST (BP-1100) 290 378.8 14 16.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET; F-15 3192 MSIP PROGRAM: C/D SERIES
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)								235.0
PROCUREMENT (3010)								
INSTALL KITS					300			101.4
KITS NONRECUR					4			21.0
EQUIPMENT								156.7
EQUIP NONREC								4.4
CHANGE ORDERS								26.6
DATA								9.7
SIM/TRAINER								12.2
SUPPORT-EQUIP								6.2
MOD OF SPARES								
TOOLING								
INSTALLATION OF HARDWARE								
FY88 30 KITS					(30)			
FY89 23 KITS					(23)			
FY90 146 KITS					(146)			
FY91 36 KITS					(36)			21.8
FY92 39 KITS					(39)			22.1
FY93 16 KITS					(16)			13.4
FY94 14 KITS					(14)			12.3
TOTAL INSTALL COST							304	69.6
TOTAL COST (BP-1100)							304	407.8

MILESTONES:

	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY):	1/86	3/89	4/89	2/90	1/91	1/92	1/93	1/94		
DELIVERY-DATE (QTR/FY):	1/88	3/91	4/91	2/92	1/93	1/94	1/95	1/96		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	10	2	7	11	6	4	7	12	11	14
OUTPUT	2	1	8	8	8	2	7	5	6	10
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	13	3	13	14	13	11	14	13	5	
OUTPUT	10	11	10	10	13	11	14	19	7	
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	5	6	5	7	4	3	6	1		
OUTPUT	6	6	6	7	5	5	3	4		

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ALR-56C, MN-3192A
MODELS OF AIRCRAFT AFFECTED F-15C/D/E
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27130F

DESCRIPTION/JUSTIFICATION: PROVIDES TACTICAL ELECTRONIC WARFARE SYSTEM UPDATE.
DEVELOPMENT STATUS: FY85-86 COMBINED IN FY86. NINETEEN PRODUCTION F-15C/D ACFT INCLUDED ALR-56C AS
PART OF BASELINE. 10 FOR 15E + K - CODED ACFT.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----		-----		-----		-----		-----	
RDT&E (3600)		111.2							

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ALR-56C
ICS
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100) 274 192.0 18 15.8
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 20 MONTHS
FOLLOW-ON LEAD TIME -- 20 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-15 3192A ALR-56C (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
-----		-----		-----	
				111.2	

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ALR-56C
ICS

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-86	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	4/88	4/88	1/90	2/90	3/90		1/92	1/94	1/94	
DELIVERY-DATE (QTR/FY):	3/90	3/90	4/91	1/92	2/92		4/93	3/95	3/95	

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ALQ-135, MN-3192B
MODELS OF AIRCRAFT AFFECTED F-15C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27130F
DESCRIPTION/JUSTIFICATION: ALQ-135 BAND 3 IS AN UPDATED VERSION OF INTERNAL COUNTERMEASURES JAMMER
(DETECTS, DETERMINES, TAKES ACTION).
DEVELOPMENT STATUS: CONTRACTOR SUCCESSFULLY VALIDATED SOFTWARE DEC 89. APPLICABLE TO 300 F-15C'S
ONLY. 63 ALQ-135'S DELIVERED FROM PRODUCTION AND 27 DELIVERED IN LOT III BP1100 BUY.
ACFT: 305 C'S (MULTI-STAGE IMPROVEMENT PLAN).

PROJECTED FINANCIAL PLAN									
PRIOR									
QTY	AMT	QTY	AMT	FY-94	FY-95	FY-96	FY-97	FY-98	
				QTY	AMT	QTY	AMT	QTY	AMT

ROD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ALQ-135
ICS
INSTALLATION OF HARDWARE

116	260.2	60	150.9	40	111.3				
	9.2		11.0		10.8				
							1.3		

TOTAL INSTALL COST

116	269.4	60	161.9	40	122.1				
							1.3		

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 16 MONTHS
FOLLOW-ON LEAD TIME -- 16 MONTHS

FACT SHEET: F-15 3192B ALQ-135
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ALQ-135
ICS

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-98	FY-99
1/91			1/92	1/93	1/94				
3/92			2/93	2/94	2/95				

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

FY 1996 PRE
MODIFICATION TITLE AND NO ALQ-135 P31, MN-3192C

PE 27134F

MODELS OF AIRCRAFT AFFECTED F-15E

DESCRIPTION/JUSTIFICATION: ADDS ALQ-135 BAND 3.0 COUNTERMEASURES JAMMER (DETERMINES,
TAKES ACTION). 90 F-15ES REQUIRE MODIFICATION. REMAINDER IS DESERT STORM PAYBACK TO C MODEL.

DEVELOPMENT STATUS: SOFTWARE FIELD DEC 93. (68 ACFT RECEIVE(D) THE
ALQ-135 IN PRODUCTION). ACFT: 204 E'S.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
41	100.9	20	48.7	6	23.5

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
ICS					

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)	41	100.9	20	48.7	6	23.5	11	35.0	11	35.0
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METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 16 MONTHS

FACT SHEET; F-15 3192C ALQ-135 P3I
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE' ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ICS

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS	INPUT	OUTPUT
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

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INCIDENT

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*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO JTIDS, MN-3316
MODELS OF AIRCRAFT AFFECTED F-15 C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27130F

DESCRIPTION/JUSTIFICATION: THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) IS A SECURE
JAM-RESISTANT DIGITAL COMMUNICATION SYSTEM FOR JOINT SERVICE INTEROPERABILITY AMONG DATA COL-
LECTION ELEMENTS, COMBAT ELEMENTS AND CONTROL CENTERS. THE CLASS 2 JTIDS GP A TO BE INSTALLED
DURING MSIP. DUAL PRODUCTION CONTRACTS.

DEVELOPMENT STATUS: FIRST JTIDS F-15 FLT DEMO JUN 85. DAB SEP 89. PDR SEP 89.
ACFT BREAKOUT: O ANG; O AFRES; 20 ACTIVE. CCB DEC 89.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)		100.4				

PROCUREMENT (3010)

INSTALL KITS	35					
KITS NONRECUR		56.5				
EQUIPMENT		8.6				
EQUIP NONREC		.1				
CHANGE ORDERS		3.4				
DATA						
SIM/TRAINER		16.9				
SUPPORT-EQUIP		1.1				
ICS						

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100) 35 86.6 1.3

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 24 MONTHS FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET; F-15 3316
PROJECTED FINANCIAL PLAN

JTIDS
(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
---	---	---	---
			100.4

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ICS

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

35	56.5
	8.6
	.1
	3.4
	16.9
	2.4

MILESTONES:

	FY-88	FY-89	FY-90	FY-93	FY-94
CONTRACT-DATE (QTR/FY):	4/90	4/90	4/90	4/93	3/94
DELIVERY-DATE (QTR/FY):	4/92	4/92	4/92		

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

FY 1996 PRE
MODIFICATION TITLE AND NO 4TH ROBUST BLADE. MN-6048

MODELS OF AIRCRAFT AFFECTED F-15E - 229 ENGINE

PE 27134F

DESCRIPTION/JUSTIFICATION: REDESIGNED IMPROVED 4TH STAGE TURBINE BLADE AND DISK.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

[illegible]

RDT&E (3600) N/A

PROCUREMENT (3010)

[illegible]

INSTALL KITS

KTTS NONRECUR

KEYS TO SUCCESS

EQUIPMENT
EQUIP. NONREC

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

SUPPLY EQUIPMENT
INSTALLATION OF

INSTALLATION OF EX-84 40 KITC

FY94 18 KIIS

FY96 10 KITS

FY97 22 KITS

FY99 36 KITS

EV00 69 KITS

FY00 69 KITS
FY01 80 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 18 MONTHS

FOUO	OW-ON	LEAD	TIME	--	12	MONTHS

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	36	2.7	69	5.4	36	2.3	191	14.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 18 KITS	(10)	.1	(22)	.2	(36)	.2	(18)	.1
FY96 10 KITS					(10)	.1	(10)	.1
FY97 22 KITS					(22)	.2	(22)	.2
FY99 36 KITS					(36)	.2	(36)	.2
FY00 69 KITS					(69)	.2	(69)	.2
FY01 36 KITS					(36)	.2	(36)	.2
TOTAL INSTALL COST	10	.1	22	.2	141	.6	191	1.0
TOTAL COST (BP-1100)	36	2.8	69	5.6	36	2.9	191	15.0

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO EJECTOR/VLV CABLE BUTTERFLY, MN-64081B
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED F-15

PE 27130F

DESCRIPTION/JUSTIFICATION: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD18E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE
FY90 596 KITS (426)

(170) 2.1

TOTAL INSTALL COST 426

170 2.1

TOTAL COST (BP-1100) 2.1

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-15 64081B EJECTOR/VLV CABLE BUTTERFLY (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----	-----	-----	-----

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY90 596 KITS

(	596)	2.1
-----	596	2.1
-----		2.1

TOTAL INSTALL COST
TOTAL COST (BP-1100)

MILESTONES:

FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
-----	-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
QUARTERS	1	2	3	4	1	2
INPUT	23	24	24	24	30	36
OUTPUT	23	24	24	24	41	36

INSTALLATION SCHEDULE:

	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
QUARTERS	1	2	3	4	1	2
INPUT	42	42	42	42	32	32
OUTPUT	6	42	42	42	36	32

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO 100/220 ENGINE INTERCHANGEABILITY, MN-650428 . CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED F-15 A/B/C/D

PE 27130F

DESCRIPTION/JUSTIFICATION: EXCESSIVE -100 ENGINE MAINTENANCE DOWN TIME AND INFLIGHT OPERATIONAL FAILURES HAVE RESULTED IN 180 MISSION ABORTS IN 1985. 92 OF THESE MISSIONS WERE DEEMED FAILURES DUE TO ENGINE MALFUNCTIONS WHILE INFLIGHT. EXCESSIVE TIME IN REPAIR AT BASES AND DEPOT AND CONTINUED INFLIGHT FAILURES HAVE MAGNIFIED THE -100 ENGINE SHORTAGES. THE F-15 C/D AIRCRAFT REQUIRE WIRING AND BALLAST CHANGES TO ADAPT THE LATEST ENGINE CONFIGURATION, THE -220 TO THE AIRCRAFT. THE AIRCRAFT WILL THEN BE ABLE TO MEET UPCOMING FORCE RESTRUCTURE PLANS. MOD WILL WILL ALLOW USE OF EITHER -100 OR -220 ENGINE. IT WILL NOT RESULT IN ANY ADDITIONAL ENGINES BEING PURCHASED.

DEVELOPMENT STATUS: ECP FROM MACAIR AUG 86. FLIGHT TEST NOT REQUIRED. 72 C'S AND 7 D'S MODIFIED DURING PRODUCTION. CONFIGURATION CONTROL BOARD: AUG 89. (AIRCRAFT BREAKOUT: 117 ANG; 0 AFRES; 332 ACTIVE).

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	372	3.0	74	.7	
--------------	-----	-----	----	----	--

KITS NONRECUR	3	.9			
---------------	---	----	--	--	--

EQUIPMENT		.4	(74)	.1	
-----------	--	----	------	----	--

EQUIP NONREC					
--------------	--	--	--	--	--

CHANGE ORDERS		.2			
---------------	--	----	--	--	--

DATA		.5			
------	--	----	--	--	--

SIM/TRAINER					
-------------	--	--	--	--	--

SUPPORT-EQUIP					
---------------	--	--	--	--	--

MOD OF SPARES					
---------------	--	--	--	--	--

INSTALLATION OF HARDWARE

FY90 70 KITS	(70)				
--------------	-------	--	--	--	--

FY91 81 KITS	(81)	1.6			
--------------	-------	-----	--	--	--

FY92 27 KITS	(27)	.4			
--------------	-------	----	--	--	--

FY93 197 KITS	(197)	2.8			
---------------	--------	-----	--	--	--

FY94 74 KITS			(74)	.7	
--------------	--	--	------	----	--

TOTAL INSTALL COST	375	4.8	74	.7	
--------------------	-----	-----	----	----	--

TOTAL COST (BP-1100)	375	9.8	74	.8	.7
----------------------	-----	-----	----	----	----

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; F-15 65042B 100/220 ENGINE INTERCHANGEABILITY
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KIITS	3
KIITS NONRECUR	5
EQUIPMENT	5
EQUIP NONREC	5
CHANGE ORDERS	2
DATA	5

INSTALLATION OF HARDWARE

FY90	70 KITS	(	70)
FY91	81 KITS	(	81)
FY92	27 KITS	(	27)
FY93	197 KITS	(	197)
FY94	74 KITS	(	74)
TOTAL	INSTALL COST	-----	449
			5.5
			11.3

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS	INPUT	OUTPUT
----------	-------	--------

INSTALLATION SCHEDULE:	
QUARTERS	1
INPUT	25
OUTPUT	38

INSTALLATION SCHEDULE: 1

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO APG-63 RADAR, MN-8049
MODELS OF AIRCRAFT AFFECTED F-15 C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27130F
DESCRIPTION/JUSTIFICATION: IMPROVED RADAR DESIGN FOR AGING APG-63, UPGRADE F-15C TO SOLVE SEVERE
PARTS OBSOLESCENCE. PROVIDE AIR SUPERIORITY TO 21ST CENTURY. CURRENT APG-63 BECOMING
LOGISTICALLY UNSUPPORTABLE. SIGNIFICANT IMPROVEMENT TO THE RELIABILITY AND MAINTAINABILITY OF
THE RADAR.

DEVELOPMENT STATUS: EMD START AUG 94: FLIGHT TEST START APR 97, DEVELOPMENT COMPLETE OCT 97.
ACFT: 150 C'S.

PROJECTED FINANCIAL PLAN	PRIOR		FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				68.2		78.2		61.3		37.9		
PROCUREMENT (3010)												
INSTALL KITS			9	1.2			63	2.7			76	6.1
KITS NONRECUR			(9)	29.9	(63)	64.2	(76)	122.4				
EQUIPMENT				5.0		13.0						
EQUIP NONREC				1.0		3.5						7.0
CHANGE ORDERS				1.0		1.5						9.3
DATA						1.0						1.3
SIM/TRAINER						1.5						4.0
SUPPORT-EQUIP											(9)	2.0
INSTALLATION OF HARDWARE												
FY97 9 KITS												
FY98 63 KITS												
FY99 76 KITS												
FY00 86 KITS												
FY01 91 KITS												
FY00 44 KITS												

TOTAL INSTALL COST
TOTAL COST (BP-1100)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- 12 MONTHS
INITIAL LEAD TIME -- 22 MONTHS

FACT SHEET: F-15 8049 APG-63 RADAR
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								245.6
PROCUREMENT (3010)								
INSTALL KITS	86	5.7	91	6.0	44	5.4	369	27.1
KITS NONRECUR	(86)	137.2	(91)	144.3		130.4		628.4
EQUIPMENT								18.0
EQUIP NONREC		3.5		2.5		1.0		18.5
CHANGE, ORDERS		4.6		1.0		1.0		18.4
DATA		.7						3.0
SIM/TRAINER		3.5						9.0
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY97 9 KITS	(63)	14.4	(76)	17.9			(9)	2.0
FY98 63 KITS							(63)	14.4
FY99 76 KITS							(76)	17.9
FY00 86 KITS					(86)	20.9	(86)	20.9
FY01 91 KITS					(91)	22.8	(91)	22.8
FY00 44 KITS					(44)	11.3	(44)	11.3
TOTAL INSTALL COST	63	14.4	76	17.9	221	55.0	369	89.3
TOTAL COST (BP-1100)	86	169.6	91	171.7	44	192.8	369	811.7

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 2 3 4 1 2 3 4 1 2 3 4
OUTPUT 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 2 3 4 1 2 3 4 1 2 3 4
OUTPUT 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 2 3 4 1 2 3 4 1 2 3 4
OUTPUT 2 3 4 1 2 3 4 1 2 3 4

*** UNCLASSIFIED ***

DATE 02/21/95
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
FY 1996 PRE ALR-56C RF CABLES, MN-8051
PE 27134F
MODELS OF AIRCRAFT AFFECTED F-15 E/C
DESCRIPTION/JUSTIFICATION: RADIO FREQUENCY (RF) TRANSMISSION IS POOR IN THE ALR-56C CABLES' ATTENU-
ATING SIGNALS. THE ALQ-135 AND ALR-56C SHARE CABLES. THEY ARE LOSING THE ABILITY TO DETECT
THREATS, DEGRADING THE SYSTEM. MOD PROVIDES SEPERATE CABLES.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDTE (3600) N/A

PROCUREMENT (3010)
INSTALL KITS 451 3.2
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100) 451 3.2

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 10 MONTHS

FOLLOW-ON LEAD TIME -- 10 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-15 8051 ALR-56C RF CABLES
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)							451	3.2

MILESTONES:

FY-94	FY-95	FY-96	FY-97	FY-98
-----	-----	-----	-----	-----
CONTRACT-DATE (QTR/FY): 4/94				
DELIVERY-DATE (QTR/FY): 4/95				

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO APG-70 LRU-038, 082 & 044 UPDATE, MN-8053
MODELS OF AIRCRAFT AFFECTED F-15E
DESCRIPTION/JUSTIFICATION: MOD REPLACES THE UNRELIABLE AND OBSOLETE CERAMIC DAUGHTER BOARDS WITH HIGH DENSITY MEMORY CHIPS. BOARDS ARE NO LONGER BEING MANUFACTURED AND THERE HAS BEEN FURTHER ORGANIC REPAIR SINCE FY93/3.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98
RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR 120 18.1 132 5.8
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100) 120 18.1 132 5.8
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 24 MONTHS FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-15 8053 APG-70 LRU-038, 082 & 044 UPDATE
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-93 FY-94 FY-95 FY-96 FY-97
CONTRACT-DATE (QTR/FY): 4/94 1/95
DELIVERY-DATE (QTR/FY): 4/96 1/97

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO JTIDS IIR, MN-8250
 MODELS OF AIRCRAFT AFFECTED F-15 A-D
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
 CLC F-15 CLASS P
 PE 27130F
 DESCRIPTION/JUSTIFICATION: AN INTEGRATED COMMUNICATIONS, IDENTIFICATION SYSTEM CAPABLE OF
 DISTRIBUTING DIGITAL INFORMATION BETWEEN AIRBORNE AND SURFACE BASED ELEMENTS IN A TACTICAL
 THEATER. THE DIFFERENCE BETWEEN JTIDS AND STIDS IIR IS THAT THE TACAN IS NOT INCORPORATED AND
 REDUCED FREQUENCY RANGE OF THE TERMINAL.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY97 82 KITS											
FY98 96 LITS											
FY99 96 KITS											
FY00 18 KITS											
FY01 55 KITS											
FY02 78 KITS											
TOTAL INSTALL COST											
TOTAL COST (BP-1100)											
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM											
INITIAL LEAD TIME -- 12 MONTHS											
FOLLOW-ON LEAD TIME -- 12 MONTHS											

RT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 82 KITS

FY98 96 LITS

FY99 96 KITS

FY00 18 KITS

FY01 55 KITS

FY02 78 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; F-15 8250 JTIDS IIR
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	96	2.3	18	.5	133	3.5	425	10.5
KITS NONRECUR	(96)	14.9	(18)	2.9		22.3		68.8
EQUIPMENT								15.8
EQUIP NONREC		.3		.1		.2		.7
CHANGE ORDERS		.1		.1		.2		.7
DATA		3.5						7.0
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY97 82 KITS	(96)	1.6	(96)	1.6		(	(82)	1.3
FY98 96 LITS						(	(96)	1.6
FY99 96 KITS						(	(96)	1.6
FY00 18 KITS					(18)	.3	(18)	.3
FY01 55 KITS					(55)	1.0	(55)	1.0
FY02 78 KITS					(78)	1.5	(78)	1.5
TOTAL INSTALL COST	96	1.6	96	1.6	151	2.8	425	7.3
TOTAL COST (RP-1100)	96	22.7	18	5.2	133	29.0	425	110.8

MILESTONES:

MILESTONES:		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY):		1/96	1/97	1/98	1/99	1/00	1/01	1/02	
DELIVERY-DATE (QTR/FY):		1/97	1/98	1/99	1/00	1/01	1/02	1/03	
INSTALLATION SCHEDULE:		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT	10	24	24	24	24	24	24	24	3
OUTPUT		10	24	24	24	24	24	24	3
INSTALLATION SCHEDULE:		FY-02		FY-03		FY-04			
QUARTERS	1	2	3	4	1	2	3	4	
INPUT	15	15	15	10	24	24	24	24	6
OUTPUT	5	15	15	15	10	24	24	24	6

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO VHSIC CARD, MN-8251
MODELS OF AIRCRAFT AFFECTED F-15E
DESCRIPTION/JUSTIFICATION: MODIFIES VHSIC COMPUTER TO INCREASE MEMORY TO 512K RAM IN ORDER TO
OPERATE AVIONICS MODS AND OFF.
DEVELOPMENT STATUS: N/A. (204 ACTIVE).

PROJECTED FINANCIAL PLAN
RDT&E (3600) N/A

PROCUREMENT (3010)				FY-94				FY-95				FY-96				FY-97				FY-98			
				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS				4	2.0	537	10.7									193	4.3						
KITS NONRECUR																							
EQUIPMENT																							
EQUIP NONREC																							
CHANGE ORDERS																							
DATA																							
SIM/TRAINER																							
SUPPORT-EQUIP																							
MOD OF SPARES						(76)	1.5																
INSTALLATION OF HARDWARE																							
FY93 4 KITS										(4)	*												
FY94 537 KITS										(321)	1.3	(216)	.8					(193)	.6				
FY97 193 KITS																							
TOTAL INSTALL COST										325	1.3	216	.8	193	.6								
TOTAL COST (BP-1100)				4	2.0	537	12.3					1.3	193	5.1	.6								
METHOD OF IMPLEMENTATION:				INSTALLATION -- COMBINATION				FOLLOW-ON LEAD TIME -- 12 MONTHS				FOLLOW-ON LEAD TIME -- 12 MONTHS				FOLLOW-ON LEAD TIME -- 12 MONTHS				FOLLOW-ON LEAD TIME -- 12 MONTHS			
INITIAL LEAD TIME -- 12 MONTHS				INITIAL LEAD TIME -- 12 MONTHS				INITIAL LEAD TIME -- 12 MONTHS				INITIAL LEAD TIME -- 12 MONTHS				INITIAL LEAD TIME -- 12 MONTHS				INITIAL LEAD TIME -- 12 MONTHS			

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-15 8251 VHSIC CARD
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES

INSTALLATION OF HARDWARE

FY93 4 KITS
FY94 537 KITS
FY97 193 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-93	FY-94	FY-96	FY-97	FY-98
2/95	2/95	1/97	1/98	

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-96		FY-97		FY-98	
QTR	FY	QTR	FY	QTR	FY
1	2	3	4	1	2
109	110	110	54	49	49
109	110	110	54	49	49

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

734 17.0

.1

1.5

(4)
(537)
(193)

734 21.7

734 21.3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 27134F

LOW COST RETROFIT MODS, MN-99999U

DESCRIPTION/JUSTIFICATION: RETROFIT CORRECTIONS TO DEFICIENCIES CORRECTED IN PRODUCTION LINE.

DEVELOPMENT STATUS: INCLUDED ARE: LAU 106 EJECTOR FOOT, TURBINE EXHAUST CASE, INCORPORATION OF PRODUCTION AFCS, BRU-46 SAFETY HANDLE, METS, AUTO TERRAIN FOLLOWING, OFP UPDATES, LAU-106 INTERFACE, A/E24T-199 ACPTS VOLTAGE DETECTOR AND CIRCUIT SELECTOR CHANGES.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A												

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

7.7	1.6	1.9
-----	-----	-----

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: F-16	
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
QUANTITY											
COST (In Mil)	\$111.053	\$109.950	\$118.606	\$143.107	\$243.181	\$279.265	\$267.891	\$191.106			

This line item funds modifications to the F-16 aircraft. The F-16 is a multi-role fighter capable of employing a wide variety of nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The overall goal of the modifications budgeted in FY96 is to increase flying safety, combat capability, reliability, maintainability, and provide for structural improvements to the airframe to ensure meeting the projected 8000 hour service life and permit replacement of the F-16 beginning approximately 2015. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO F100-PW-220/220E INTERCHANGEABILITY, MN-10501A CLC F-16 CLASS P-S

MODELS OF AIRCRAFT AFFECTED F-16A/B/C/D

PE 27133F

DESCRIPTION/JUSTIFICATION: EXCESSIVE -200 ENGINE MAINTENANCE DOWNTIME AND INFLIGHT OPERATIONAL FAILURES HAVE RESULTED IN NUMEROUS MISSION ABORTS. EXCESSIVE TIME IN REPAIR AT BASES AND DEPOT AND CONTINUED INFLIGHT FAILURES HAVE MAGNIFIED THE -200 ENGINE SHORTAGES. F-16 ACFT REQUIRE WIRING CHANGES TO ADAPT THE LATEST ENGINE CONFIGURATION, THE -220/220E TO THE AIRCRAFT. THE AIRCRAFT WILL THEN BE ABLE TO MEET UPCOMING FORCE RESTRUCTURE PLANS. MOD WILL ALLOW USE OF EITHER -200 OR -220E ENGINE. IT WILL NOT RESULT IN ANY ADDITIONAL ENGINES BEING PURCHASED.

DEVELOPMENT STATUS:

AIRCRAFT BREAKOUT: 221 ANG; 20 AFRES; AND 37 ACTIVE. 56 KITS PURCHASED IN FY94 ARE CONVERSION KITS TO CONVERT BLOCK 15 KITS TO BLOCK 10 KITS.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	423	5.9	56	1.0
KITS NONRECUR				
EQUIPMENT				
EQUIP NONREC				
CHANGE ORDERS				
DATA				
SIM/TRAINER		1.1		
SUPPORT-EQUIP				
90 MOD INSTAL				
MOD OF SPARES		(576)	.9	

INSTALLATION OF HARDWARE

FY91 173 KITS	(173)	3.4		
FY92 250 KITS	(49)	1.0		
FY93				
FY94 56 KITS	(56)	1.1		

TOTAL INSTALL COST 222 4.4 56 1.1

TOTAL COST (BP-1100) 423 11.4 56 3.0

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 10501A F100-PW-220/220E INTERCHANGEABILITY
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

90 MOD INSTAL

MOD OF SPARES

INSTALLATION OF HARDWARE

FY91 173 KITS

FY92 250 KITS

FY93

FY94 56 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

423 5.9
56 1.0

1.1

.9

(173) 3.4
(49) 1.0

(56) 1.1

278 5.5

479 14.4

FY-00

FY-99

FY-98

FY-97

FY-96

FY-95

FY-94

FY-93

FY-92

FY-91

1/95
3/95

3/92
3/93

3/91
3/92

FY-95
2 3 4
28 28 28

1 4 1
24 24 24

2 3 3
25 25 25

1 4 1
43 43 43

2 3 3
35 35 35

1 4 1
35 35 35

2 3 3
25 25 25

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO WING BEEF-UP, MN-18503A
MODELS OF AIRCRAFT AFFECTED F-16 A/B/C/D BLK 30
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P-S
PE 27133F

DESCRIPTION/JUSTIFICATION: THIS MOD REPAIRS CRACKS IN PRE-BLOCK 40 AIRCRAFT AT THE # 2,3, AND 4 ACCESS HOLES. TESTING SHOWS THE CRITICAL FAILURE PATH IS THROUGH THE FOUR WING SKIN ACCESS HOLES AT BL 71.00 WHICH DECREASES THE WING STRUCTURAL STRENGTH, AND HAS RESULTED IN AN 8.5G RESTRICTION FOR BLOCK 30 AIRCRAFT. MOD CORRECTS THE PROBLEMS BY MODIFICATION OF WING ROOT FAIRINGS TO ALLOW AIRCRAFT TO WITHSTAND 9G DESIGN REQUIREMENTS AND BY REWORKING SKIN ASSEMBLIES TO INCREASE STATIC STRENGTH AND DURABILITY. FAILURE TO ACCOMPLISH THIS MODIFICATION COULD RESULT IN AIRCRAFT GROUNDING DUE TO CRACKS IN UPPER WING SKIN.

DEVELOPMENT STATUS: MIP #87-0369. PHASE I COMPLETE. PHASE II INSTALLS COMPLETE 2/91. PHASE III AIRCRAFT BREAKOUT: AFRES - 200, ANG - 667, ACTIVE - 487.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600) N/A																		
PROCUREMENT (3010)																		
INSTALL KITS	971	3.8	250	1.3	133	.7												
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY90 871 KITS (871)																		
FY93 100 KITS (100)																		
FY94 250 KITS		2.6																
FY95 133 KITS																		
TOTAL INSTALL COST	971	2.6					238	7.4	143	4.8	2							
TOTAL COST (BP-1100)	971	6.4	250	1.3	133	8.1				4.8								

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-16 18503A WING BEEF-UP
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED *** (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A							1354	5.8
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY90 871 KITS							(871)	2.6
FY93 100 KITS							(100)	7.5
FY94 250 KITS							(250)	4.7
FY95 133 KITS							(133)	14.8
TOTAL INSTALL COST							1354	20.6
TOTAL COST (BP-1100)							1354	

MILESTONES:

CONTRACT-DATE (QTR/FY): 4/90
DELIVERY-DATE (QTR/FY): 1/91

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 40 40 40 40
OUTPUT 40 40 40 40

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 66 64 58 50
OUTPUT 66 64 58 50

	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
	4/90	3/91			1/93	1/94	1/95	1/96		
	1/91	3/92			1/93	1/94	1/95	1/96		
	2 40 40 40	1 40 40 40	2 40 40 40	3 40 40 40	2 40 40 40	3 40 40 40	2 40 40 40	3 40 40 40	2 40 40 40	3 40 40 40
	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40	40 40 40 40

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO F100-220E ENGINE UPGRADE, MN-19203A
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P-S

MODELS OF AIRCRAFT AFFECTED F-16-A/B/C

PE 27133F

DESCRIPTION/JUSTIFICATION: MODIFIES THE F100 ENGINE TO THE 220E CONFIGURATION. -220E INCLUDES THE CORE, GEAR PUMP AND DEEC CONTROL SYSTEM. IT WILL BE AN EQUIVALENT TO THE NEW PRODUCTION -220 ENGINE. MAINTENANCE BENEFITS INCLUDE NO ENGINE TRIM, AUTOMATED DIAGNOSTICS, 23% FEWER ORGANIZATIONAL SCHEDULED INSPECTIONS, 43% REDUCTION IN BASE MMH/EFH AND 86% INCREASED AVAILABILITY. SAFETY BENEFITS INCLUDE AVOIDANCE OF SIX CLASS A MISHAPS. OPERATIONAL BENEFITS INCLUDE 32% FASTER IDLE-TO-MAX TRANSIENT, NOMINAL 10% THRUST IMPROVEMENT, FULL ENVELOPE CAPABILITY, UNRESTRICTED THROTTLE MOVEMENT, AUTOMATIC SECONDARY CONTROL AND 225 KNOT AIR START CAPABILITY. MOD SAVES \$2.4B IN O&M COSTS. NO INSTALL \$'S NEEDED FYS92&95 AS MOD INCLUDED WITH ENG OVERHAUL.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	170	155.9	41	33.2		
--------------	-----	-------	----	------	--	--

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES

TOOLING

INSTALLATION OF HARDWARE

FY92 115 KITS	(115)				
---------------	---	------	--	--	--	--

FY93 55 KITS	(55)	4.2			
--------------	---	-----	-----	--	--	--

FY94 41 KITS				(41)		
--------------	--	--	--	------	--	--

TOTAL INSTALL COST

170	4.2	41			
-----	-----	----	--	--	--

TOTAL COST (BP-1100)

170	166.9	41	34.8		
-----	-------	----	------	--	--

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET; F-16 19203A F100-220E ENGINE UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)							211	189.1
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								.3
EQUIP NONREC								3.4
CHANGE ORDERS								.4
DATA								3.3
SIM/TRAINER								1.0
SUPPORT-EQUIP								
MOD OF SPARES								
TOOLING								
INSTALLATION OF HARDWARE								
FY92 115 KITS					(115)			
FY93 55 KITS					(55)			4.2
FY94 41 KITS					(41)			
TOTAL INSTALL COST							211	4.2
TOTAL COST (BP-1100)							211	201.7

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

	FY-92		FY-93		FY-94		FY-95		FY-96	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
1	2	3	4	1	2	3	4	1	2	3
25	26	25	25	8	8	8	8	9	9	9
26	26	25	25	8	8	8	8	9	9	9

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO LOW COST ENGINE SAFETY MODIFICATIONS, MN-99999Y CLC F-16 CLASS P-S
MODELS OF AIRCRAFT AFFECTED F-16 C/D PE 27133F

DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER \$900K EACH) ENGINE SAFETY MODIFICATIONS
NECESSARY TO IMPROVE RELIABILITY, MAINTAINABILITY, SAFETY, AND MISSION PERFORMANCE OF
ENGINES.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN
PRIORITY QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
ENGINES

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 00 MONTHS

FOLLOW-ON LEAD TIME -- 00 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 99999Y LOW COST ENGINE SAFETY MODIFICATIONS
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ENGINES
INSTALLATION OF HARDWARE

5.4

TOTAL INSTALL COST

TOTAL COST (BP-1100)

5.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

251

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO FALCON 229 ENGINE UPGRADE, MN-19229E
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED BLOCK 52

PE 27133F

DESCRIPTION/JUSTIFICATION: THE FALCON 229 PROGRAM IS DESIGNATED TO ENHANCE F-16 SAFETY AND IMPROVE MAINTAINABILITY BY ACCELERATING F-16/F100-PW-229 ENGINE MATURATION. THIS WILL BE ACCOMPLISHED THROUGH DESIGN IMPROVEMENTS, EARLY IDENTIFICATION OF PROBLEMS, AND AUGMENTED FIELD SUPPORT. THE DESIGN IMPROVEMENT PORTION OF FALCON 229 IS COMPRISED OF FOUR BLOCKS, PHASED TO COINCIDE WITH THE 4TH STAGE BLADE RETROFITS. EACH BLOCK CONSISTS OF DIFFERENT TASKS, CONSEQUENTLY THE COST VARIES BETWEEN BLOCKS. INCORPORATION OF ALL THE TASKS WILL REDUCE THE IN-FLIGHT SHUT DOWN RATE TO 2/100,000 ENGINE FLIGHT HOURS. THIS MEANS SIX AIRCRAFT AND POSSIBLY CREWS WILL BE SAVED EVERY 100,000 FLEET HOURS. INSTALLATION IS A COMBINATION OF DEPOT/ORGANIZATIONAL LEVEL.

DEVELOPMENT STATUS: MOD INCLUDES NUMEROUS ENGINE ECPS.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)		1.4		3.0		1.1		1.0				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	726	3.1	820	5.5	522	3.5	209	1.4	298	2.0		
EQUIPMENT												
EQUIP NONREC						.2		1.1		1.0		
CHANGE ORDERS						1.1						
DATA						.7		.3		.4		
SIM/TRAINER												
SUPPORT-EQUIP		2.3		.9		.1						
INSTALLATION OF HARDWARE												
FY94 726 KITS			(644)	.8	(82)	.2	(258)	.4	(136)	.1		
FY95 820 KITS					(562)	1.3	(386)	.5	(209)	.3		
FY96 522 KITS									(298)	.4		
FY97 209 KITS												
FY98 298 KITS												
TOTAL INSTALL COST			644	.8	644	1.5	644	.9	643	.8		
TOTAL COST (BP-1100)	726	5.4	820	7.2	522	7.1	209	3.7	298	4.2		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 2 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE MODIFICATION TITLE AND NO RADAR WARNING RECEIVER UPDATE PROGRAM, MN-3088 CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F-16C/D BLK 40

PE 27133F

DESCRIPTION/JUSTIFICATION: THIS RETROFIT REPLACES THE ALR-69 ON THE F-16 WITH AN ADVANCED RADAR WARNING RECEIVER (ARWR) SET (ALR-56M). THE RWR WILL PROVIDE INCREASED DETECTION RANGE, INCREASED SPEED AND ACCURACY FOR DENSE THREAT ENVIRONMENTS. IT WILL ALSO IDENTIFY NEW THREATS. SUPPORT EQUIPMENT, TRAINERS AND DATA WILL BE PROVIDED BY PRODUCTION PROGRAM. 190 GROUP A KITS PURCHASED IN FY89 FOR \$3.2M.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	101	1.2								
KITS NONRECUR										
EQUIPMENT	83.4	(22)	10.4	(59)	26.6					
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
90 MOD INSTAL										
INTEGRATION	11.0		1.8	8.1						
INSTALLATION OF HARDWARE										
FY90 190 KITS	(27)		.4	(49)	.4	(49)	.4	(49)	.4	(16)
FY94 101 KITS									(33)	.3
TOTAL INSTALL COST	27	.4	.4	49	.4	49	.4	49	.4	49
TOTAL COST (BP-1100)	94.4	101	13.8	35.1			.4		.4	.5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

FACT SHEET: F-16 3088 RADAR WARNING RECEIVER UPDATE PROGRAM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS											101	1.2
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												120.4
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
90 MOD INSTAL												
INTEGRATION												
INSTALLATION OF HARDWARE												20.9
FY90 190 KITS											(190)	1.8
FY94 101 KITS											(72)	.7
	(39)	.4										
TOTAL INSTALL COST	39	.4									262	2.5
TOTAL COST (BP-1100)		.4									101	145.0

MILESTONES:

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

	FY-90		FY-91		FY-92		FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:																				
QUARTERS	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
INPUT	8	9	10	12	12	12	13	12	12	12	13	12	12	12	13					
OUTPUT	8	9	10	12	12	12	13	12	12	12	13	12	12	12	13					
INSTALLATION SCHEDULE:																				
QUARTERS	2	3	4	1	2	3	4													
INPUT	12	12	13	13	13	13														
OUTPUT	12	12	13	13	13	13														

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150M
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 27133F

MODELS OF AIRCRAFT AFFECTED F-16C/D BLK 25/30/32

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES USER EQUIPMENT FOR F-16 BLK 25/30/32 AIRCRAFT TO COMPUTE PLATFORM POSITION/VELOCITY AS WELL AS AID COMPUTATION OF STEERING VECTORS TO TARGET LOCATIONS. THIS AVIONICS MOD WILL INSTALL THE EMBEDDED GPS/INS (EGI) THAT COMBINES A RING LASER GYRO INS, A GEM III GPS RECEIVER CARD AND A MASTER KALMAN NAVIGATION FILTER IN A SINGLE LRU. EXISTING RLG/INUS IN THE BLOCK 25/30/32 A/C REMOVED AS A RESULT OF THIS MOD WILL BE INSTALLED IN BLOCK 40/50 A-C AIRCRAFT (WHICH ARE EQUIPPED WITH LN-39 MECHANICAL INUS. NO FUNDING FOR A/C OFF DEVELOPMENT IS INCLUDED AS INTEGRATION IS ASSUMED TO OCCUR IN CONJUNCTION WITH OFF UPDATE (SCV-4).

DEVELOPMENT STATUS: CONTRACT FOR PRODUCTION OF EGI INTEGRATION UNITS AWARDED 2/94. INTEGRATION RISK REDUCTION BEING PERFORMED UNDER JOINT OO-ALC/LFWC STUDY. DEPOT INSTALLATION ACCOMPLISHED IN CONJUNCTION WITH FALCON-UP (TO MAXIMUM EXTENT POSSIBLE).

PROJECTED FINANCIAL PLAN

PRIOR	FY-95	FY-96	FY-97	FY-98	FY-99
QTY	AMT	QTY	AMT	QTY	AMT

RD1&E (3600)	.3	1.5	13.0	8.0	
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PROCUREMENT (3010)

INSTALL KITS	124	3.7	248	7.5	245	7.5
KITS NONREC		2.0	1.0			
EQUIPMENT	(124)	22.1	(248)	45.1	(245)	42.3
EQUIP NONREC		1.0	.5			
CHANGE ORDERS		2.0	1.0			
DATA		2.0	1.5			
SIM/TRAINER		4.0	2.0			
SUPPORT-EQUIP			.5			.5
COM AVIONICS						
SOFTWARE						

INSTALLATION OF HARDWARE

FY97 124 KITS	(124)	3.8				
FY98 248 KITS						
FY99 245 KITS						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 3150M NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								22.8
PROCUREMENT (3010)								
INSTALL KITS					617			18.7
KITS NONRECUR								3.0
EQUIPMENT								109.5
EQUIP NONREC								1.5
CHANGE ORDERS								3.0
DATA								3.5
SIM/TRAINER		4.6						6.0
SUPPORT-EQUIP								5.6
COM AVIONICS								
SOFTWARE								
INSTALLATION OF HARDWARE								
FY97 124 KITS					(124)			3.8
FY98 248 KITS					(248)			15.6
FY99 245 KITS	(245)	15.6			(245)			15.6
TOTAL INSTALL COST							617	35.0
TOTAL COST (BP-1100)		20.2					617	185.8

MILESTONES:

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):				3/97	3/98	3/99	
DELIVERY-DATE (QTR/FY):				3/98	3/99	3/00	

INSTALLATION SCHEDULE:	FY-98	3	4	1	3	4
QUARTERS	2	62	62	62	62	62
INPUT		62	62	62	62	59
OUTPUT		62	62	62	62	59

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
FY 1996 PROGRAM
OPERATIONAL CAPABILITY UPGRADE (OCU), MN-3250
F-16 A/B-BLOCK 10/15
PE 27133F

DESCRIPTION/JUSTIFICATION: THIS MOD PROVIDES EXPANDED COMPUTER CAPACITY, MIL-STD-1760 WEAPONS WIRING HARNESS, DATA TRANSFER UNIT (DTU), AND COMBINED ALTITUDE RADAR ALTIMETER (CARA) TO BLOCK 10/15, F-16A/B AIRCRAFT. EXPANDED COMPUTER CAPABILITY IS PROVIDED BY A STRAIGHTFORWARD MODIFICATION TO INCREASE MEMORY AND THROUGHPUT IN THE FIRE CONTROL COMPUTER AND CENTRAL INTERFACE UNIT AND IS REQUIRED FOR CONTINUED FLEXIBILITY AND EXTENDED UTILITY OF THE F-16A/B THROUGH THE 1990'S. THE EXPANDED CAPACITY IS ESSENTIAL FOR INCORPORATION OF ANY NEW OR IMPROVED DELIVERY MODES, WEAPONS (GUIDED OR BALLISTIC), OR AVIONICS SUBSYSTEMS (DTU, CARA, ETC). DTU AND CARA ARE REQUIRED FOR REDUCED PILOT WORKLOAD AND INCREASED LOW ALTITUDE SAFETY, RESPECTIVELY.

DEVELOPMENT STATUS: COMPLETE. ACFT BREAKOUT: 313 ANG, 55 AFRES, 332 ACTIVE.
INSTALLATION IN FY90-95 FUNDED BY FY90 CLC: MODIFICATION INSTALLATION

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) 35.9

PROCUREMENT (3010)

INSTALL KITS						
KITS NONRECUR						
EQUIPMENT	696	131.2				
EQUIP NONREC	4	20.5				
CHANGE ORDERS						
DATA		7.2				
SIM/TRAINER		9.0				
SUPPORT-EQUIP		21.1				
MOD OF SPARES		5.4				
SIG PROCESSOR		2.5				
INSTALLATION OF HARDWARE						
FY86 72 KITS	(72)					
FY87 234 KITS	(234)					
FY88 234 KITS	(234)					
FY89 156 KITS	(66)					

TOTAL INSTALL COST 606 42 2.7

TOTAL COST (BP-1100) 700 196.9 2.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 21 MONTHS
FOLLOW-ON LEAD TIME -- 21 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO B40 W/B50 WHEELS/BRAKES, MN-3393
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED BLOCK 40

PE 27133F

DESCRIPTION/JUSTIFICATION: RETROFIT OF BLOCK 50 (BF GOODRICH) WHEELS AND BRAKES INTO THE BLOCK 40
FLEET DUE TO SUPPORTABILITY CONCERNS. POSSIBLE GROUNDING OF BLOCK 40 AIRCRAFT DUE TO
NONAVAILABILITY OF BRAKES/WHEELS.

DEVELOPMENT STATUS: BLOCK 40 WHEELS AND BRAKES BECOMING UNSUPPORTABLE.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

2.2

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2.2

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET; F-16 3393 B40 W/B50 WHEELS/BRAKES
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

FY-94	FY-95	FY-96	FY-97	FY-98
-------	-------	-------	-------	-------

2.2

2.2

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE P

FY 1996 PRE
MODIFICATION TITLE AND NO ALE-47, MN-3450

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F-16C/D

PE 27133F

DESCRIPTION/JUSTIFICATION: RETROFITS THE F-16C/D BLK 40/50 WITH ALE-47 AUTOMATIC/SEMI-AUTOMATIC FLARE/CHAFF DISPENSING SYSTEM. PROVIDES MUCH GREATER SURVIVABILITY DUE TO THE ABILITY TO PROVIDE COMPATIBLE FLARE/CHAFF RESPONSES TRIGGERED BY ON-BOARD SENSORS RATHER THAN BY THE PILOT THROUGH PREPLANNED AND PREPROGRAMMED DISPENSER LOADS.

DEVELOPMENT STATUS: COMPLETE.
AND 472 ACTIVE. (BLK 40, 188 ANG AND 261 ACTIVE; BLK 50, 18 ANG AND 211 ACTIVE) MOD
INSTALLATION COMPLETES IN FY02, INSTALLING 61 KITS FOR \$.5M.

ACFT BREAKOUT: 206 ANG; 0 AFRES;

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)	201	1.7	84	.5	80	.5	84	.5	84	.5
INSTALL KITS										
KITS NONREC		.7		.1		.1		.1		.1
EQUIPMENT		9.3	(84)	3.2	(80)	3.8	(84)	3.4	(84)	3.5
EQUIP NONREC		.3		.1		.1		.1		.1
CHANGE ORDERS		1.3		.5		.5		1.0		1.5
DATA		1.0		.3						
SIM/TRAINER										
SUPPORT-EQUIP		1.0	(36)	.3	(36)	.5				
INSTALLATION OF HARDWARE										
FY92 93 KITS	(93)	.6					(71)	.4		
FY93 108 KITS	(37)	.3					(13)	.1		
FY94 84 KITS									(71)	.4
FY95 80 KITS									(13)	.1
FY96 84 KITS										
FY97 00 KITS										
FY98 84 KITS										
FY99 84 KITS										
FY00 61 KITS										

TOTAL INSTALL COST	130	.9					84	.5	84	.5
TOTAL COST (BP-1100)	201	16.2	84	5.0	80	5.5	84	5.6	84	6.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

(CONTINUED)

FACT SHEET: F-16 3450 ALE-47
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	84	.5	61	.3			678	4.5
KITS NONRECUR		.1		.1				1.3
EQUIPMENT	(84)	3.6	(61)	2.8				29.6
EQUIP NONREC		.1		.1				.9
CHANGE ORDERS		.5		.5				5.8
DATA								1.3
SIM/TRAINER								1.8
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY92 93 KITS							(93)	.6
FY93 108 KITS							(108)	.7
FY94 84 KITS							(84)	.5
FY95 80 KITS							(80)	.5
FY96 84 KITS							(84)	.4
FY97 00 KITS							(84)	.5
FY98 84 KITS							(84)	.5
FY99 84 KITS							(84)	.5
FY00 61 KITS							(84)	.5
TOTAL INSTALL COST	67	.3	84	.5			84	.5
TOTAL COST (BP-1100)	84	5.1	61	4.3			.5	678
								48.9

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	4/92	4/93	4/94	4/95	4/96	4/97	4/98	4/99	4/00	
DELIVERY-DATE (QTR/FY):	2/94	4/95	4/96	4/97	4/98	4/99	4/00	4/01	4/02	

INSTALLATION SCHEDULE:

QUARTERS	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
INPUT	2 3	1 2	1 2	1 2	1 2	1 2	1 2	1 2
OUTPUT	7 18	21 21	21 21	21 21	21 21	21 21	21 21	21 21

INSTALLATION SCHEDULE:

QUARTERS	FY-98	FY-99	FY-00	FY-01	FY-02
INPUT	2 3	1 2	1 2	1 2	1 2
OUTPUT	21 21	21 21	21 21	21 21	21 21

INSTALLATION SCHEDULE:

QUARTERS	FY-01	FY-02	FY-03	FY-04
INPUT	2 3	1 2	1 2	1 2
OUTPUT	21 21	21 21	21 21	21 21

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
F-16 C/D

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 27133F

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE FOR THE INTEGRATION AND SPECIAL WEAPONS AIRCRAFT SUPPORT REQUIREMENTS FOR THE JOINT DIRECT ATTACK MUNITION (JDAM) FOR THE BLOCK 50/52 AND BLOCK 40/42 AIRCRAFT. FAILURE TO INTEGRATE JDAM INTO THE F-16 INVENTORY REDUCES THE ABILITY TO TAKE ADVANTAGE OF THE INCREASED ACCURACY AND STAND-OFF CAPABILITIES OF THESE GENERATION WEAPONS.

DEVELOPMENT STATUS: AF/F-16 (JDAM) RDT&E EFFORT IS FUNDED BY THE JDAM SYSTEM PROGRAM OFFICE AT EGLIN AFB. THIS IS AN UPGRADE TO THE COMPUTER AND WILL BE INTEGRATED AT BASE LEVEL.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A						

PROCUREMENT (3010)

INSTALL KITS						
KITS NONRECUR			125	2.8	125	2.9
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INTEGRATION						
SOFTWARE						
INSTALLATION OF HARDWARE						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 4260 JOINT DIRECT ATTACK MUNITION
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-99		FY-00		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR	87		2.1					462	10.7
EQUIPMENT									
EQUIP NONREC									
CHANGE 'ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INTEGRATION									
SOFTWARE									
INSTALLATION OF HARDWARE									
TOTAL INSTALL COST									
TOTAL COST (BP-1100)	87		2.1						

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):		3/96	3/97	3/98	3/99
DELIVERY-DATE (QTR/FY):		3/98	3/99	3/00	3/01

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO ANTI-SKID ALGORITHM, MN-50003B
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F-16A/B/C/D

PE 27133F

DESCRIPTION/JUSTIFICATION: MODIFICATION PAYS FOR DEVELOPMENT OF ANTI-SKID ALGORITHM. CURRENT
ALGORITHM WAS DEVELOPED FOR THE F-111. THIS NEW ALGORITHM WILL DECREASE BRAKE/TIME WEAR AND
REPLACEMENT. IN ADDITION, THIS MOD WILL PAY FOR ITSELF IN ONE YEAR.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
450	2.5	450	2.5	450	2.3

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 17 MONTHS

FOLLOW-ON LEAD TIME -- 10 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 5003B ANTI-SKID ALGORITHM
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS					900	4.8
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						.8
CHANGE ORDERS						.2
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST					900	5.8
TOTAL COST (BP-1100)						

MILESTONES:

FY-96	FY-97	FY-98	FY-99	FY-00
-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO MAIN AIRCRAFT BATTERY, MN-52338B APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE P
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F16C/D (PREBLC 40) PE 27133F

DESCRIPTION/JUSTIFICATION: THE MAIN NICAD BATTERY HAS ONE OF THE LOWEST MTBFS FOR AN F-16 LRU. BATTERY AND CHARGING SYSTEM MUST BE EXTREMELY RELIABLE AND CAPABLE OF PERFORMING UNDER ALL OPERATING CONDITIONS TO INSURE SAFETY OF FLIGHT. THIS MODIFICATION WOULD SUBSTANTIALLY INCREASE SYSTEM RELIABILITY AND REDUCE SUPPORT COSTS. CHANGE WAS MADE ON THE F-18 AND BATTERY MTBF INCREASED 78.5 TO 3268 HOURS AND MTBMA 24.2 TO 418.6 HOURS. REMOVALS PER 1000 FLIGHT HOURS DECREASED 26.6 TO 1.5 AND MMH/1000 FLYING HOURS (FH) 168.9 TO 20. SIMILAR F-16 IMPROVEMENTS EXPECTED. STATISTICS FOR THE F-16 BATTERY ARE 118 HOURS MTBF, 160 HOURS MTBMA, 6.7 REMOVALS/1000 FH, AND 183 MMH/100 FH.

DEVELOPMENT STATUS: COMPLETE. AIRCRAFT BREAKOUT: (314 ANG, 84 AFRES; 245 ACTIVE)

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

2	.2	150	5.3	241	8.6
	.7				
	1.4				
	.9				

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-16 52338B MAIN AIRCRAFT BATTERY
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

RDT&E (3600) N/A	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----		-----		-----		-----	
PROCUREMENT (3010)								
INSTALL KITS								
	200	7.1	50	1.8		643	23.0	
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE, ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
	200	7.1	50	1.8		643	26.0	
TOTAL COST (BP-1100)								

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
IMPROVED MAIN FUEL SHUTOFF VALVE, MN-53U945
CLC F-16 CLASS P
PE 27133F
MODELS OF AIRCRAFT AFFECTED F-16 A/B/C/D

DESCRIPTION/JUSTIFICATION: AFTER AN EXHAUSTIVE INVESTIGATION INTO CAUSES OF UNCOMMANDED THRUST LOSS OF THE F-16, IT WAS DETERMINED THAT SEVERAL CHANGES TO THE MFSOV WOULD BE REQUIRED TO REDUCE/ELIMINATE THE POTENTIAL FOR UNCOMMANDED THRUST LOSS DUE TO MFSOV CLOSURES. THIS IMPROVED VALVE WOULD ELIMINATE VALVE MOVEMENT TOWARD THE CLOSED POSITION IN THE EVENT OF ELECTRICAL POWER LOSS OR MOTOR FAILURE.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 530 2.7 625 3.2 625 3.2

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

\$3.9M TAKEN

FROM FY94 FOR

FY94 SBR

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-16 53U945 IMPROVED MAIN FUEL SHUTOFF VALVE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
\$3.9M TAKEN
FROM FY94 FOR
FY94 SBR

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):	4/96	4/97	4/98		
DELIVERY-DATE (QTR/FY):	4/97	4/98	4/99		

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

274

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO RELOCATE FORWARD RWR ANTENNA, MN-57U051
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE P
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F-16 C/D
PE 27133F

DESCRIPTION/JUSTIFICATION: THIS EFFORT INVOLVES RELOCATING THE FORWARD RADAR WARNING RECEIVER (RWR) ANTENNA FROM THE FUSELAGE TO THE LEADING EDGE FLAP OF THE WING. THE CURRENT ANTENNA LOCATION DOES NOT ALLOW THE RWR TO MEET ITS PERFORMANCE ENVELOPE ON THE F-16. THE NEW LOCATION CORRECTS THIS DEFICIENCY. PORTIONS OF THE NECESSARY GROUP A WIRING WERE INSTALLED DURING PRODUCTION.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	
KITS NONRECUR	167
EQUIPMENT	3.7
EQUIP NONREC	
CHANGE ORDERS	3.5
DATA	
SIM/TRAINER	
SUPPORT-EQUIP	
90 MOD INSTAL	
INSTALLATION OF HARDWARE	(72)
FY90 167 KITS	2.8

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

(CONTINUED)

FACT SHEET: F-16 57U051 RELOCATE FORWARD RWR ANTENNA
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							167	3.7
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
90 MOD INSTAL								
INSTALLATION OF HARDWARE								
FY90 167 KITS							(72)	2.8
TOTAL INSTALL COST							72	2.8
TOTAL COST (BP-1100)							167	10.0

MILESTONES:

	FY-88	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98

CONTRACT-DATE (QTR/FY): 4/87
DELIVERY-DATE (QTR/FY): 1/89

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT	18	18	18	18
OUTPUT	18	18	18	18

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
WOW SWITCH, MN-58006A
PE 27133F
MODELS OF AIRCRAFT AFFECTED
F-16 C/D
DESCRIPTION/JUSTIFICATION:
CONNECTS EXISTING WEIGHT ON WHEELS SWITCH TO THE ALE-40 DISPENSER. KIT
DELIVERY 4/91.

DEVELOPMENT STATUS: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS.

PROJECED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY90

TOTAL INSTALL COST	(41)	2.3	(54)	.2	(62)	.2	(82)	.3
TOTAL COST (BP-1100)	41	2.3	54	.2	62	.2	82	.3
		2.3		.2		.2		.3

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)

FACT SHEET; F-16 5800GA WOW SWITCH
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY90

(109)	.4	(73)	.3	(54)	.2(	475)	3.9
109	.4	73	.3	54	.2	475	3.9
	.4		.3		.2		3.9

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
1	2	3	4	1	2	3	4	1	2	3
INPUT	10	10	11	14	14	13	13	15	15	16
OUTPUT	10	10	11	14	14	13	13	15	15	16

INSTALLATION SCHEDULE:

QUARTERS	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
1	2	3	4	1	2	3
INPUT	20	21	21	18	18	18
OUTPUT	20	21	21	18	18	18

INSTALLATION SCHEDULE:

QUARTERS	FY-01	FY-02	FY-03
1	2	3	4
INPUT	14	13	13
OUTPUT	14	13	13

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO CHAFF/FLARE DISPENSER, MN-58045B
MODELS OF AIRCRAFT AFFECTED F-16A-D (PREBLK 40)
DESCRIPTION/JUSTIFICATION: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS.
DEVELOPMENT STATUS: KITS ARE AVAILABLE AND AWAITING INSTALLATION.

PROJECTED FINANCIAL PLAN		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY90 1393 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 580458 CHAFF/FLARE DISPENSER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY90 1393 KIT

(	374)	2.0
374		2.0
		2.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-90	FY-92	FY-94	FY-95
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CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-92		FY-93		FY-94		FY-95	
1	2	3	4	1	2	3	4
QUARTERS							
INPUT				50	50	50	50
OUTPUT				50	50	50	49

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO LEADING EDGE FLAP ROTARY ACTUATOR, MN-59045B
MODELS OF AIRCRAFT AFFECTED F-16A/D PRE-BLOCK 40
DESCRIPTION/JUSTIFICATION: WORN/ELONGATED HOLES IN THE LEADING EDGE FLAP ROTARY ACTUATOR ATTACHMENT SYSTEM.

DEVELOPMENT STATUS: FY90 INSTALLATION PROGRAM

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT
	1348	1.2				

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY89 1348 KIT
FY90 499 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100) 1348 1.2 6.5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 59045B LEADING EDGE FLAP ROTARY ACTUATOR (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FY89 1348 KIT
FY90 499 KITS

1348 1.2

TOTAL INSTALL COST	(	499)	6.5
TOTAL COST (BP-1100)		499	6.5
		1348	7.7

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

	FY-89		FY-90		FY-91		FY-92		FY-93		FY-94		FY-95		FY-96	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:																
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	74	74	74	75	77	76	76	76	53	47	68	78	72	73	72	72
OUTPUT	74	74	74	75	77	76	76	76	53	47	68	78	72	73	72	72
INSTALLATION SCHEDULE:																
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4				
INPUT	38	37	38	37	30	30	30	4								
OUTPUT	38	37	38	37	30	30	30									
INSTALLATION SCHEDULE:																
QUARTERS	1	2	3	4												
INPUT																
OUTPUT																

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SCREECH REDUCTION 129 ENGINE, MN-6020
MODELS OF AIRCRAFT AFFECTED F16 C/D (BLK 50)
PE 27133F

DESCRIPTION/JUSTIFICATION: F110-GE-129 ENGINES ARE EXPERIENCING HIGH SCREECH LEVELS ON FIELDED ENGINES. THIS SCREECH IS CAUSING DAMAGE TO THE AUGMENTOR DUCT ASSEMBLY, FLAME HOLDER, FAN CORE SPRAYBARS, LOCAL SPRAYBARS, AND THE EXHAUST NOZZLE LINER. THE DAMAGE INCLUDES BROKEN OR MISSING PIECES AND NON-REPAIRABLE CRACKS. 20 KITS WILL MOD SPARES.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN
PRIORITY QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

240 3.5

.5

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY96 240 KITS

(101) .7 (119) .8

TOTAL INSTALL COST

101 .7 119 .8

TOTAL COST (BP-1100)

240 4.7 .8

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 6 MONTHS

FACT SHEET: F-16 6020 SCREECH REDUCTION 129 ENGINE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS					240	3.5
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						.5
CHANGE, ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY96 240 KITS					(220)	1.5
TOTAL INSTALL COST					220	1.5
TOTAL COST (BP-1100)					240	5.5

MILESTONES:

FY-96	FY-97	FY-98	FY-99	FY-00
-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY): 1/96
DELIVERY-DATE (QTR/FY): 2/96

INSTALLATION SCHEDULE:		FY-96				FY-97			
QUARTERS		1	2	3	4	1	2	3	4
INPUT	33	34	34	34	34	29	30	30	30
	33	34	34	34	34	29	30	30	30
OUTPUT									

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO F-16 STRUCTURAL IMPROVEMENT PROGRAM, MN-6022
CLASS P
CLC F-16

PE 27133F

MODELS OF AIRCRAFT AFFECTED F-16 C/D PRE -40

DESCRIPTION/JUSTIFICATION: ENGINEERING TEST, ANALYSIS, USER'S EXPERIENCE INDICATE AIRCRAFT STRUCTURE WILL NOT MEET THE NEEDED 8000 HR SERVICE LIFE. THE STRUCTURAL IMPROVEMENT PROGRAM COMBINES THE LISTED MAJOR STRUCTURAL MODIFICATIONS INTO ONE OVERALL PROGRAM. ECP 1910 AND ECP 1947 FUEL SHELF/WING CARRY THROUGH BULKHEAD. ECP 1992 VERTICAL TAIL AFT MOUNTING PADS BULKHEAD FS 479.

DEVELOPMENT STATUS:
UNDER PROVISION OF THE CORRECTION OF DEFICIENCY (COD) NO DEVELOPMENT PROCEDURES WERE REQUIRED PRIOR TO CONTRACT AWARD.

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	97	5.4	92	2.3	92	2.3	116	2.9	117	3.2	116	3.2
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOOLING		1.2				1.6						
SPARES		2.2				.4						
OGC								1.2		2.0		2.7
INSTALLATION OF HARDWARE												
FY92 33 KITS	(33)	9.9										
FY93 64 KITS	(64)	19.1										
FY94 92 KITS			(23)	6.2	(69)	19.7	(69)	20.6	(87)	27.4		
FY95 92 KITS					(23)	6.6	(29)	8.7	(29)	9.2		
FY96 116 KITS												
FY97 117 KITS												
FY98 116 KITS												
FY99 29 KITS												

TOTAL INSTALL COST 97 29.0 23 6.2 92 26.3 98 29.3 116 36.6

TOTAL COST (BP-1100) 97 37.8 92 3.7 92 11.3 116 31.3 117 35.4 116 43.5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 14 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-16 6022 F-16 STRUCTURAL IMPROVEMENT PROGRAM (CONTINUED)

TO COMP
QTY AMT

TOTAL
QTY

AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 29 .9 659 20.2
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA 1.1 1.2 6.6
SIM/TRAINER
SUPPORT-EQUIP
TOOLING
SPARES 2.8 .5 2.9
OGC 2.8 3.8 14.5

INSTALLATION OF HARDWARE

FY92 33 KITS (33) 9.9
FY93 64 KITS (64) 19.1
FY94 92 KITS (92) 25.9
FY95 92 KITS (92) 27.2
FY96 116 KITS (116) 36.1
FY97 117 KITS (117) 39.0
FY98 116 KITS (116) 40.0
FY99 29 KITS (29) 20.2

TOTAL INSTALL COST 117 49.4 116 40.6 659 217.4
TOTAL COST (BP-1100) 29 44.1 45.2 2.9 659 255.2

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT 23 23 23
OUTPUT 23 23 23

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT 29 29 29
OUTPUT 30 29 29

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO BLOCK 40 STRUCTURAL IMPROVEMENT, MN-602240

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED BLOCK 50/42/40/C/D

PE 27133F

DESCRIPTION/JUSTIFICATION: ENGINEERING TEST, ANALYSIS, USER'S EXPERIENCE INDICATE AIRCRAFT STRUCTURE WILL NOT MEET THE NEEDED 8000 HR SERVICE LIFE. DELAYS MAY LEAD TO FURTHER STRUCTURAL DEGRADATION WHICH WILL BE COSTLY TO CORRECT, AND MAY IMPACT FLIGHT SAFETY. FUNDS WOULD ALSO BE USED TO INSTALL AIRCRAFT KITS RESULTING FROM (COD) ECP'S AND STRUCTURAL CHANGES TO THE BLOCK 50 A/C AS WELL AS OTHER CHANGES TO THE PRE-BLOCK 50 AIRCRAFT.
SPECIFIC ECP'S INCLUDE 1987, 1253, 1292, 1499, 1910, 1962, 1992, 1871, 1966, 1912.

DEVELOPMENT STATUS: UNDER PROVISION OF THE CORRECTION OF DEFICIENCY (COD) NO DEVELOPMENT PROCEDURES WERE REQUIRED PRIOR TO CONTRACT AWARD. FY 95 MONEY WILL START THE INSTALLATION OF KITS PROVIDED BY LOCKHEED. UNDER AGREEMENT WITH LOCKHEED, THEY PROVIDE THE KITS AND THE AIR FORCE PROVIDES THE INSTALLATION DOLLARS.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY95 84 KITS	(84)	11.9	(114)	19.1	(124)	20.4	(124)	22.0
FY96 114 KITS								
FY97 124 KITS								
FY98 124 KITS								
FY99 85 KITS								
FY00 22 KITS								

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; F-16 602240 BLOCK 40 STRUCTURAL IMPROVEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

KEY COMPONENTS OF EQUIPMENT

EQUIP NONREC

EQUIPMENT WORKERS
CHANGE: ORDERSCHANGE, ORDERS
DATA

DATA
SIM/TRAINER

**SIM/TRAINEE
SUPPORT-EQUIP**

SUPPORT-EQUIP INSTALLATION OF HARDWARE

EV95 84 KITS

FY93 04 KITS
FY96 114 KITS

FY96 114 KITS
FY97 124 KITS

FY97 124 KITS
FY98 124 KITS

FY98 124 KITS
FY99 95 KITS

FY99 85 KITS
FY00 22 KITS

FY00 22 K115

TOTAL

88.3 88.5

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
Operating expenses:						
Depreciation	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Maintenance	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Utilities	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Salaries	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Travel	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Supplies	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Insurance	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Interest	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Other	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Total operating expenses	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Capital expenditures:						
Equipment	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Construction	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Land	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Improvements	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Other	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Total capital expenditures	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total funding requirements	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Funding sources:						
General fund	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Special funds	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0
Total funding sources	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Surplus/(deficit)	\$0	\$0	\$0	\$0	\$0	\$0

INSTALLATION SCHEDULE:					
	FY-95	FY-96	FY-97	FY-98	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	21 21 21 21	29 29 28 28	31 31 31 31	31 31 31 31	
TOTAL	21 21 21 21	20 20 28 28	31 31 31 31	31 31 31 31	

INSTALLATION SCHEDULE:		FY-99			FY-00		
QUARTERS	1	2	3	4	1	2	3
INPUT	22	21	21	21	11	11	
OUTPUT	22	21	21	21	11	11	

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MISC ENGINE UPDATE MODS, MN-99999E
MODELS OF AIRCRAFT AFFECTED
DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER \$500K) ENGINE MODIFICATIONS IN SUPPORT OF MISC
ENGINE ECP/CCP'S.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ENGINES

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 00 MONTHS
FOLLOW-ON LEAD TIME -- 00 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 99999E MISC ENGINE UPDATE MODS
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

ENGINES

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

290

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO LOW COST RETROFIT MODS, MN-99999U
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED F-16 C/D

PE 27133F

DESCRIPTION/JUSTIFICATION: AIRCRAFT REQUIRE MODIFICATIONS TO CORRECT DEFICIENCIES REVEALED DURING DEVELOPMENT AND INITIAL USE. CORRECTIONS ARE INCORPORATED INTO PRODUCTION AT THE EARLIEST TIME. UPDATE MODIFICATIONS ARE REQUIRED TO MAINTAIN CONFIGURATION CONTROL OF DELIVERED AIRCRAFT AND THOSE TOO FAR INTO PRODUCTION FOR INCORPORATION. THESE MODIFICATIONS ARE LESS THAN \$900,000 EACH.

DEVELOPMENT STATUS: ECPS INCLUDE REDESIGNED AUGMENTOR FUEL; F110 ANTI-ICE VALVE PRESSURE SWITCH; F110 LUBE FILTER DIFFERENTIAL; F110 FAN ROTOR STG 1 BALANCE; F110 IGB BEVEL GEARS; F110 HYD PUMP CAVITATION SLEEVE. ECP 1967 WPN STATION POWER, ECP 1850 DEPOT INTERFACE ADAPTER HARDWARE AND SOFTWARE TO BE COMPATIBLE WITH THE DEEC POSER SUPPLY. FUNDS INCLUDE .3M FOR ECP 1850.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT

INSTALLATION OF HARDWARE	6.9	.3	2.0	2.0	1.2
--------------------------	-----	----	-----	-----	-----

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 00 MONTHS

FOLLOW-ON LEAD TIME -- 00 MONTHS

FACT SHEET: F-16 99999U LOW COST RETROFIT MODS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		FY-91		FY-92		FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A																						
PROCUREMENT (3010)																						
INSTALL KITS																						
KITS NONRECUR																						
EQUIPMENT																						
EQUIP NONREC																						
CHANGE ORDERS																						
DATA																						
SIM/TRAINER																						
SUPPORT-EQUIP																						
AIRCRAFT																						
INSTALLATION OF HARDWARE																						
																						12.4
TOTAL INSTALL COST																						
TOTAL COST (BP-1100)																						12.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
F-16 BLOCK 50

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 27133F

DESCRIPTION/JUSTIFICATION: PROVIDES UPGRADES TO THE CURRENT AIR DATA COMPUTER INCREASING MTBF FROM 600 HRS TO 2500 HRS. REDUCES CARA COUNT FROM 13 TO 3 AND PROVIDES SUPPORTABILITY TO A SYSTEM FACING PARTS OBSOLESCENCE AND LOSS OF CONTRACTOR SUPPORT. RETROFITS 190 ACFT AND 18 SPARE UNITS. 30 UNITS ARE SEED ASSETS. NO INSTALLATION FUNDS REQUIRED AS THIS IS DONE IN THE CONTRACTOR'S FACILITY.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
60	1.6	147	4.0		

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	60	1.6	147	4.0
KITS NONRECUR				
EQUIPMENT				
EQUIP NONREC				
CHANGE ORDERS				
DATA				
SIM/TRAINER				
SUPPORT-EQUIP				
INSTALLATION OF HARDWARE				

TOTAL INSTALL COST

TOTAL COST (BP-1100) 60 4.7 147 4.0

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY FOLLOW-ON LEAD TIME -- 18 MONTHS
INITIAL LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 B19402 UPGRADE THE AIR DATA COMPUTER
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

207 5.6

3.1

TOTAL INSTALL COST

TOTAL COST (BP-1100)

207 8.7

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-92	FY-93	FY-94	FY-95
3/92	2/95	3/95	1/97
3/93	4/96		

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 30 30
OUTPUT 30 30

FY-94		FY-95		FY-96	
1	2	3	4	1	2
3	4	1	2	3	4

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 147
OUTPUT 147

*** UNCLASSIFIED ***

DATE 02/21/95
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
FY 1996 PRE
MODIFICATION TITLE AND NO F110 STG 182 DISK & BLADE REDESIGN, MN-F15001
CLASS P
PE 27133F

MODELS OF AIRCRAFT AFFECTED BLOCK 30/40

DESCRIPTION/JUSTIFICATION: FIELD INCIDENTS OF STAGE 1 DISK POST CRACKING AND STAGE 1 HPC BLADE DOVE-TAIL CRACKING CREATED THE POTENTIAL FOR THE DISK AND BLADES NOT MEETING PLANNED DEPOT RETURN AND FOR MISHAPS RELATED TO THESE FAILURE. THIS RETROFIT WOULD INCORPORATE STAGE 1 & 2 BLADE & DISK DOVETAIL REDESIGN TO ELIMINATE THESE CONCERNS. RETROFIT REDUCES MAINTENANCE REQUIRED TO INSPECT AND REMOVE THESE DISKS AND BLADES WHILE REDUCING A MISHAP POTENTIAL. RISK IS CURRENTLY MANAGED BY THE IMPLEMENTATION OF 75 HOUR ULTRASONIC INSPECTIONS. IMPROVES NONRECURRING IN-FLIGHT SHUTDOWNS FROM .540 TO .054 PER MILLION ENGINE FLYING HOURS. REWORK COMPLETED AT DEPOT ENSIP INSPECTION/RETURN.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN
PRIOR QTY AMT FY-94 QTY AMT FY-95 QTY AMT FY-96 QTY AMT FY-97 QTY AMT FY-98 QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 800 37.1 96 5.8

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY89 169 KITS (169)

FY91 338 KITS (338)

FY92 193 KITS (193)

FY93 100 KITS (100)

FY94 96 KITS (96) *

TOTAL INSTALL COST 800 96

TOTAL COST (BP-1100) 800 37.2 96 5.8

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 06 MONTHS
FOLLOW-ON LEAD TIME -- 20 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 F15001 F110 STG 1&2 DISK & BLADE REDESIGN (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY89 169 KITS
FY91 338 KITS
FY92 193 KITS
FY93 100 KITS
FY94 96 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO F-110-GE-129 (DEC) UPGRADE, MN-F19400
MODELS OF AIRCRAFT AFFECTED
PE 27133F

DESCRIPTION/JUSTIFICATION: THE F-110-GE-100 DEC IS A \$250M PROGRAM TO REDESIGN AND RETROFIT DECS INTO FIELDIED F110-GE-100 ENGINES IN BLOCK 30/40 AIRCRAFT. A RELATIVELY SMALL LOCKHEED EFFORT IS REQUIRED IN TESTING FOR SYSTEM INTEGRATION EFFORTS AND PUBLICATION OF O-LEVEL TECHNICAL DATA.
MOD NUMBER CHANGED FROM 19229D, F110-129 DEC UPGRADES TO CURRENT MN.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A												
PROCUREMENT (3010)							(164)	3.6	(90)	2.0		
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER		1.7										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												

TOTAL INSTALL COST

TOTAL COST (BP-1100) 1.7

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 F19400 F-110-GE-129 (DEC) UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

ROT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):					2/96	2/97
DELIVERY-DATE (QTR/FY):					4/96	4/97

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

2.0
3.6

1.7

7.3

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION										DATE
(EXHIBIT P-40)										FEBRUARY 1995
P-1 ITEM NOMENCLATURE: EF-111										
APPROPRIATION/BUDGET ACTIVITY										
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$3.750	\$2.031	\$1.900	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0

This line item funds modifications to the EF-111 aircraft. The EF-111 is a twin engine, two seat, supersonic, long-range electronic warfare aircraft which denies, degrades, deceives and disrupts enemy early warning, ground controlled intercept, and acquisition radars. The overall goal of the modifications budgeted in FY96 is to efficiently comply with contract termination provisions for program termination. The specific modifications budgeted and programmed are attached.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE: F-111					
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$13.578	\$4.977	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

This line item funds modifications to the F-111 aircraft. The F-111 is a twin engine, two seat, supersonic, long-range attack fighter, capable of delivering a full range of air-to-ground munitions. The overall goal of the modifications budgeted in FY96 is to efficiently comply with contract provisions for program termination. The specific modifications budgeted and programmed are attached.

	P-1 SHOPP LIST ITEM NO. 29	PAGE NO.	300
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UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: T/AT-37										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$1.916	\$1.406	\$0.502	\$0.644	\$0.627	\$0.718	\$0.770	\$0.823		

The T-37 is a twin engine, two seat (side-by-side), subsonic jet trainer used by AETC as a primary trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted in the FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

	P-1 SHOPP LIST ITEM NO. 30	PAGE NO.	301
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE: C-5						
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS											
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY											
COST (In Mil)		\$38.132	\$28.513	\$45.431	\$22.565	\$17.201	\$6.207	\$118.425	\$115.813		

	P-1 SHOPP LIST ITEM NO. 31	PAGE NO.	302
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO MLG/DOOR ACTUATING SVS (R&M), MN-142208
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED C-5A

PE 41119F

DESCRIPTION/JUSTIFICATION: INSTALLS A SIMPLER MAIN LANDING GEAR(MLG)/DOOR ACTUATION SYSTEM
CONSISTING OF 2 MAIN ACTUATORS/GEARBOXES PER EACH MLG INSTEAD OF PRESENT 10. EXISTING SYSTEM
IS PLAGUED WITH FAILURES RESULTING IN 4 CLASS C ACCIDENTS WITHIN PAST YEAR. WILL ALSO PROVIDE
COMMONALITY WITH C-5B PRODUCTION AIRCRAFT. INCLUDES MODIFICATION OF THE MAINTENANCE TRAINER
UNIT.

DEVELOPMENT STATUS: COMPLETE. (AIRCRAFT BREAKOUT: 14 ANG; 32 AFRES; AND 32 ACTIVE).
(FY87 & FY88 COMBINED.)

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	77	15.3								
KITS NONRECUR										
EQUIPMENT		44.8								
EQUIP NONREC										
CHANGE ORDERS										
DATA		.5								.5
SIM/TRAINER		.9								
SUPPORT-EQUIP										
KIT REPLENISH										
INSTALLATION OF HARDWARE										
FY90 77 KITS	(48)		(16)	9.0	(3)	1.2	(4)	1.5	(6)	1.7

TOTAL INSTALL COST

48	16	9.0	3	1.2	4	1.5	6	1.7
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TOTAL COST (BP-1100)

77	61.5	9.6	5.6	2.0	1.7
----	------	-----	-----	-----	-----

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

FACT SHEET: C-5 14220B MLG/DOOR ACTUATING SYS (R&M)
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							77	15.3
KITS NONRECUR								
EQUIPMENT								44.8
EQUIP NONREC								1.0
CHANGE ORDERS								1.5
DATA								4.4
SIM/TRAINER								
SUPPORT-EQUIP								
KIT REPLENISH								
INSTALLATION OF HARDWARE							(77)	13.4
FY90 77 KITS								
TOTAL INSTALL COST							77	13.4
TOTAL COST (BP-1100)							77	80.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
1/88										
3/89										
1/89										
2/90										
FY-88	2	3	4	1	2	3	4	1	2	3
INPUT	1	1	1	1	2	4	5	2	3	5
OUTPUT	1	1	1	1	3	3	4	4	1	3
FY-92										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	4	4	4	4	2	2	3	3		
OUTPUT	4	3	3	3	3	2	2	2		
FY-95										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	2	3	2	2	2	2	2	2		
OUTPUT	3	3	3	2	2	2	2	2		

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO MADARS REPLACEMENT, MN-15203B APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED C-5A PE 41119F

DESCRIPTION/JUSTIFICATION: REPLACES MALFUNCTION DETECTION, ANALYSIS AND RECORDING SYSTEM (MADARS) WITH STATE OF THE ART DIGITAL ELECTRONICS. ALLOWS CONSOLIDATION OF MANY FUNCTIONS REDUCING NUMBER OF TOTAL BOXES. PRESENT MADARS IS UNRELIABLE AND COSTLY TO MAINTAIN. FY92 SPT EQUIP FOR AVIONICS INTERMEDIATE STRING (AIS) STATIONS TO BE LOCATED AT 2 AFR, 1 ANG AND 1 TECHNOLOGY REPAIR CENTER (TRC) (KELLY) PLUS SOFTWARE CHANGES AND DATA REQUIRED TO ACCOMMODATE THE NEW AIS. AIRCRAFT BREAKOUT 32 ACTIVE, 32 AFR, 12 ANG. (NOTE: 8 KITS SHOWN AS FY95 INSTALLS ARE FUNDED UNDER CLC 90MDINST.)

DEVELOPMENT STATUS: COMPLETE. (NOTE: THE 1 KIT SHOWING AS AN FY88 INSTALL ON THE INSTALLATION SCHEDULE IS THE TRIAL NONRECURRING KIT AS SHOWN.)

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	75	67.6								
KITS NONRECUR	1									
EQUIPMENT		60.3								
EQUIP NONREC		12.4								
CHANGE ORDERS			.2			4.8				
DATA		4.3								
SIM/TRAINER		24.4								
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY90 51 KITS	(21)				(8)					
FY91 15 KITS	(15)	13.0								
FY92 10 KITS	(10)	7.3								
TOTAL INSTALL COST	46	20.3			8		15	9.1	7	3.4
TOTAL COST (BP-1100)	76	189.3						4.8		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 20 MONTHS

FOLLOW-ON LEAD TIME -- 20 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-5 15203B MADARS REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							75	67.6
INSTALL KITS							1	
KITS NONRECUR								60.3
EQUIPMENT								12.4
EQUIP NONREC								5.0
CHANGE ORDERS								4.3
DATA								
SIM/TRAINER								24.4
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY90 51 KITS							(51)	12.5
FY91 15 KITS							(15)	13.0
FY92 10 KITS							(10)	7.3
TOTAL INSTALL COST							76	32.8
TOTAL COST (BP-1100)							76	206.8

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
FY-88	2	3	4	1	2	3	4	1	2	3
FY-89	1	4	2	3	4	1	2	3	4	1
FY-90	3	4	1	2	3	4	1	2	3	4
FY-91	4	1	2	3	4	1	2	3	4	1
FY-92	5	4	3	4	1	2	3	4	1	2
FY-93	2	3	4	1	2	3	4	1	2	3
FY-94	3	4	1	2	3	4	1	2	3	4
FY-95	4	1	2	3	4	1	2	3	4	1
FY-96	5	4	3	4	1	2	3	4	1	2
FY-97	2	3	4	1	2	3	4	1	2	3
FY-98	3	4	1	2	3	4	1	2	3	4
FY-99	4	1	2	3	4	1	2	3	4	1
FY-00	5	4	3	4	1	2	3	4	1	2

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED C-5 A/B
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 4119F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES AND A CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT UPDATES DAILY THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 12 ANG; 32 AFRES; 82 ACTIVE.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS 1 .5 54 2.4 38 1.3 33 1.2
KITS NONRECUR (1) 3.5 (54) 15.5 (38) 8.6 (33) 8.3
EQUIPMENT (1) .2
EQUIP NONREC
CHANGE ORDERS
DATA 4.0 3.0
SIM/TRAINER
SUPPORT-EQUIP 5.9
SOFTWARE
INSTALLATION OF HARDWARE (1) .2 (32) 3.7 (22) 2.6
FY94 1 KIT (9) 1.1
FY96 54 KITS
FY97 38 KITS
FY98 33 KITS

TOTAL INSTALL COST
TOTAL COST (BP-1100) 1 10.1 4.0 54 21.1 38 13.6 33 13.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: C-5 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					126			5.4
KITS NONRECUR								3.5
EQUIPMENT								32.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								3.7
SIM/TRAINER								7.0
SUPPORT-EQUIP								
SOFTWARE								5.9
INSTALLATION OF HARDWARE								
FY94 1 KIT							(1)	.2
FY96 54 KITS							(54)	6.3
FY97 38 KITS	(29)	2.5					(38)	3.6
FY98 33 KITS	(2)	.2	(31)	2.5			(33)	2.7
TOTAL INSTALL COST	31	2.7	31	2.5			126	12.8
TOTAL COST (BP-1100)		4.2		4.7			126	70.9

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):[illegible]

INSTALLATION SCHEDULE:

LATION SCHEDULE:		FY-96	FY-97	FY-98	FY-99			
QUARTERS	1	2	3	4	1	2	3	4
INPUT		1	12	10	8	8	8	7
OUTPUT		1	12	10	10	8	8	8

INSTALLATION SCHEDULE:

LATION SCHEDULE:	FY-00	
QUARTERS	1	2 3 4
INPUT	8	8 8 7
OUTPUT	7	8 8 7

*** UNCLASSIFIED ***

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO AIRLIFT DEFENSIVE SYSTEMS. MN-3455
 MODELS OF AIRCRAFT AFFECTED C-5
 PE 41119F

DESCRIPTION/JUSTIFICATION: C-5 USERS HAVE HAD A LONGSTANDING MISSION REQUIREMENT FOR ELECTRONIC WARFARE DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER, AND A FLARE AND CHAFF DISPENSER. AIRCRAFT: 26 ACTIVE.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN									
PRIORITY		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
2	.5	3	.6	8	2.5	10	2.8	3	.8
		(3)		(8)	2.7	(10)	1.8	(3)	.5
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
2	3.1			(1)	.4	(2)	.6	(5)	1.7
				(3)	1.0	(3)	1.0	(5)	1.7
FY93 2 KITS									
FY94 3 KITS									
FY95 8 KITS									
FY96 10 KITS									
FY98 3 KITS									
TOTAL INSTALL COST									
2	3.1			1	.4	5	1.6	10	3.4
TOTAL COST (BP-1100)									
2	3.8	3	1.0	8	7.2	10	6.2	3	3.0
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT									
INITIAL LEAD TIME -- 12 MONTHS									
FOLLOW-ON LEAD TIME -- 12 MONTHS									

RDT&E (3600) N/A

FACT SHEET: C-5 3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							26	7.2
KITS NONRECUR								.5
EQUIPMENT								4.9
EQUIP NONREC								
CHANGE ORDERS								
DATA								.9
SIM/TRAINER								.4
SUPPORT-EQUIP								1.0
INSTALLATION OF HARDWARE								
FY93 2 KITS					(	2)		3.1
FY94 3 KITS					(	3)		1.0
FY95 8 KITS					(	8)		2.7
FY96 10 KITS					(	10)		2.9
FY98 3 KITS	(3)	.8			(	3)		.8
TOTAL INSTALL COST	3	.8					26	10.5
TOTAL COST (BP-1100)		.8					26	25.4

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):	1/93	1/94	1/95	1/96	1/97	1/98	
DELIVERY-DATE (QTR/FY):	1/94	1/95	1/96	1/97	1/98	1/99	
INSTALLATION SCHEDULE:							
QUARTERS	1	2	3	4	1	2	3
INPUT	2	1	2	3	4	1	2
OUTPUT							
INSTALLATION SCHEDULE:							
QUARTERS	1	2	3	4	1	2	3
INPUT	2	1	2	3	4	1	2
OUTPUT	1	2	1	2	3	3	3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MADARS II MULTIPLEXER PROCESSOR UPGRADE , MN-6019 CLC C-5 CLASS P
MODELS OF AIRCRAFT AFFECTED C-5
PE 41119F

DESCRIPTION/JUSTIFICATION: THIS INSTALLS CARGO MOVEMENT OPERATING SYSTEM (CMOS) TYPE MEMORY UNITS
IN THE EARLIEST 48 MULTIPLEXER (MUX) PROCESSORS DELIVERED WITH THE C-5B. UNITS CURRENTLY HAVE
BUBBLE TYPE MEMORIES AND ARE INCREASINGLY UNSUPPORTABLE EVEN BY THE MANUFACTURER. MOD WILL
MAKE MUX'S PARTS INTERCHANGABLE AND ORGANICALLY SUPPORTABLE.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98
RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS 48 3.0
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100) 48 3.8
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-5 6019 MADARS II MULTIPLEXER PROCESSOR UPGRADE (CONTINUED)

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS					48	3.0
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						.8
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST						
TOTAL COST (BP-1100)					48	3.8

MILESTONES: FY-94
 CONTRACT-DATE (QTR/FY): 3/94
 DELIVERY-DATE (QTR/FY): 3/95

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SATCOM, MN-6046
MODELS OF AIRCRAFT AFFECTED ALL
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 41119F

DESCRIPTION/JUSTIFICATION: REQUIREMENT ESTABLISHED FOR DIRECT COMMUNICATION AND CONTROL (C2) OF
STRATEGIC AIRLIFT. A COMMERCIALY AVAILABLE AERO-C SATCOM SYSTEM INSTALLED ON THE C-5 WILL
PROVIDE THE C2 CAPABILITY.

DEVELOPMENT STATUS: AIRCRAFT AFFECTED : 82 ACTIVE, 32 AFRES AND 12 ANG.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A										
PROCUREMENT (3010)					126	.9				
INSTALL KITS										
KITS NONRECUR					(126)	3.2				
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA						1.2				
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

FACT SHEET: C-5 6046 SATCOM
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)					126	.9
INSTALL KITS						
KITS NONRECUR						3.2
EQUIPMENT						
EQUIP NONREC						1.2
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST						
TOTAL COST (BP-1100)					126	5.3

MILESTONES:

FY-96	FY-97
-----	-----
CONTRACT-DATE (QTR/FY): 2/96	
DELIVERY-DATE (QTR/FY): 3/96	

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
LOW COST RETROFIT MODS, MN-99999U
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED C-5A,B & C
PE 41119F
DESCRIPTION/JUSTIFICATION: FY94: FUEL SAVINGS ADVISORY SYSTEM (FSAS) RETRO MOD #T6047. MODIFIES ALL C-5 AND SPARE FSAS COMPUTERS AND INSTALLS UPGRADED MEMORY, A 1553 COMPUTER DATA BUS AND NEEDED SUPPORT EQUIPMENT. THIS MOD WILL REDUCE ENGINE OVERBOOST AND INCREASE RELIABILITY BY 11%, INCREASE MEMORY BY 100%, SPARE RAM BY 700% AND REDUCE LOADING TIME FROM 4 HOURS TO 15 MIN.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 12 ANG, 32 AFRES, 82 ACTIVE

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)													
INSTALL KITS			126										
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
AIRCRAFT													
MOD OF SPARES			(126)										
INSTALLATION OF HARDWARE													

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 8 MONTHS
FOLLOW-ON LEAD TIME -- MONTHS

FACT SHEET: C-5 99999U LOW COST RETROFIT MODS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A								
PROCUREMENT (3010)							126	1.5
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								.1
CHANGE ORDERS								
DATA								
SIM/TRAINER								.1
SUPPORT-EQUIP								
AIRCRAFT								1.1
MOD OF SPARES								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)							126	2.8

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 4/94
DELIVERY-DATE (QTR/FY): 2/95

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PRE

FY 1996 PROGRAM

MODIFICATION TITLE AND NO PITCH TRIM MANIFOLD, MN-TO110B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED ALL C-5 A/B

PE 41119F

DESCRIPTION/JUSTIFICATION: THE C-5 PITCH TRIM SYSTEM CONTROLS THE HORIZONTAL STABILIZER. THERE HAS BEEN A PROLONGED HISTORY OF SYSTEM PROBLEMS CAUSED BY HYDRAULIC SURGES AND "WATER HAMMER" EFFECTS. PREVIOUS MODIFICATION EFFORTS TO INSTALL A BREADBOARD TYPE CONTROL PROVED INEFFECTIVE. THE PROBLEM IS SO PREVALENT THAT THE AIRCRAFT MUST BE INSPECTED AFTER EVERY FLIGHT FOR BROKEN CLAMPS, BRACKETS AND LEAKS. THIS CONSUMES OVER 30,000 MAINTENANCE MANHOURS A YEAR. A NEW MANIFOLD SYSTEM WAS DEVELOPED TO REPLACE THE BREADBOARD ASSEMBLY AND HAS BEEN TESTED FOR OVER THREE YEARS ON THE C-5 AIRCRAFT. THE SURGE AND HAMMER EFFECTS HAVE BEEN ELIMINATED AND MAINTENANCE IN THE AREA REDUCED NEARLY 95%.

DEVELOPMENT STATUS: CONFIGURATION CONTROL BOARD JUL 93. ACQ BOARD IN JULY 93. CONTRACT AWARD MARCH 94.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 126 3.3

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

126 3.6

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- MONTHS

FACT SHEET; C-5 TO110B PITCH TRIM MANIFOLD
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS					126	3.3
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST						
TOTAL COST (BP-1100)						

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 2/94
DELIVERY-DATE (QTR/FY): 2/95

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: C-9										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$11.793	\$6.736	\$4.066	\$4.703	\$26.048	\$37.362	\$45.177	\$46.608		

This line item funds modifications to the C-9 aircraft. The C-9A is a medium-range, twin-engine, jet transport designed to carry patients and medical personnel. The C-9C is used to transport the vice-president, cabinet members, members of Congress and other high ranking U.S. and foreign officials. The overall goal of the modifications budgeted in FY96 is to improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PRE

MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODELS OF AIRCRAFT AFFECTED C-9

PE 41314F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE,
JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER
TO IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: ACFT BREAKOUT: 23 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY94 6 KITS

FY95 5 KITS

FY96 6 KITS

FY97 6 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: C-9 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					21			3.9
KITS NONRECUR					2			2.5
EQUIPMENT								3.0
EQUIP NONREC								1.9
CHANGE ORDERS								2.8
DATA								1.2
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 6 KITS					(		(	.8
FY95 5 KITS					(		(	.6
FY96 6 KITS					(		(	.5
FY97 6 KITS					(		(	.4
TOTAL INSTALL COST	7	.5					23	2.3
TOTAL COST (BP-1100)								
							23	17.6

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

INSTALLATION SCHEDULE:

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
QUARTERS	2	3	4	1	2	3	4	
INPUT	1	1	2	2	1	2	1	2
OUTPUT								
QUARTERS	1	2	3	4	1	2	3	4
INPUT	1	2	2	1	1	2	1	2
OUTPUT	2	1	2	2	1	2	1	2

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PRE
MODIFICATION TITLE AND NO MISSION COMMUNICATION SYSTEM UPGRADES, MN-4268
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODELS OF AIRCRAFT AFFECTED C-9C

PE 41314F

DESCRIPTION/JUSTIFICATION: THE C-9C MISSION COMMUNICATION SYSTEM (MCS) UPGRADE INCORPORATES INMARSAT AND TERRESTRIAL AERONAUTICAL RADIOTELEPHONE SYSTEM (TARS) CAPABILITIES. INMARSAT IS AN OFF-THE-SHELF CAPABILITY WHICH PROVIDES DIRECT ACCESS TO THE PUBLIC SWITCHED TELEPHONE NETWORK AND MILITARY COMMUNICATIONS SYSTEMS. TARS IS FLITEPHONE CAPABILITY WHICH PROVIDES TWO CLEAR DIGITAL VOICE CHANNELS AND VHF WITH ENCRYPTION. MCS IS ESSENTIAL TO SUPPORT SPECIAL AIR MISSIONS. THIS REQUIREMENT IS URGENT AND ENSURES CONTINUED SUPPORT FOR THE PRESIDENTIAL AIRCRAFT FLEET.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	1	.9	2	1.8	
--------------	---	----	---	-----	--

KITS NONRECUR		1.0		2.2	
---------------	--	-----	--	-----	--

EQUIPMENT	(1)	.9	(2)	1.8	
-----------	-----	----	-----	-----	--

EQUIP NONREC					
--------------	--	--	--	--	--

CHANGE ORDERS					
---------------	--	--	--	--	--

DATA					
------	--	--	--	--	--

SIM/TRAINER					
-------------	--	--	--	--	--

SUPPORT-EQUIP					
---------------	--	--	--	--	--

INSTALLATION OF HARDWARE

FY94 1 KIT	(1)	.1	(2)	.2	
------------	-----	----	-----	----	--

FY95 2 KITS					
-------------	--	--	--	--	--

TOTAL INSTALL COST

TOTAL COST (BP-1100)	1	3.3	2	6.0	
----------------------	---	-----	---	-----	--

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-9 4268 MISSION COMMUNICATION SYSTEM UPGRADES
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							3	2.7
KITS NONRECUR								3.2
EQUIPMENT								2.7
EQUIP NONREC								
CHANGE ORDERS								.4
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 1 KIT					(1)			.1
FY95 2 KITS					(2)			.2
TOTAL INSTALL COST							3	.3
TOTAL COST (BP-1100)							3	9.3

MILESTONES:

	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	3/94	2/95
DELIVERY-DATE (QTR/FY):	4/94	2/95

INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96	
	1	2	3	4	1	2
QUARTERS						
INPUT						
OUTPUT						

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT AFFECTED C-9 A/C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P
PE 41314F

DESCRIPTION/JUSTIFICATION: C-9 IS AN FAA CERTIFIED AIRCRAFT. THERE ARE NUMEROUS MISCELLANEOUS
SERVICE BULLETINS ANTICIPATED FOR INCORPORATION ON THE AIRCRAFT. THESE SERVICE BULLETINS
AFFECT SAFETY, PRODUCT IMPROVEMENT, MAINTENANCE AND RELIABILITY. THEY ARE NECESSARY TO COMPLY
WITH AND MAINTAIN FAA CERTIFICATION.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SERVICE BULTN
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 00 MONTHS
FOLLOW-ON LEAD TIME -- 00 MONTHS

FACT SHEET: C-9 99995 SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SERVICE BULTN
INSTALLATION OF HARDWARE

	2.4	1.5			1.6	18.7	1.7
	-----	-----			-----	-----	-----
TOTAL INSTALL COST							
TOTAL COST (BP-1100)	2.4	1.5			1.6	20.4	

MILESTONES:

FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: C-17A										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$3.472	\$6.065	\$12.687	\$24.411	\$22.226	\$5.033	\$0.855	\$0.318		

This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outside cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 48 litter patients, or 18 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

	P-1 SHOPP LIST ITEM NO. 33	PAGE NO.	326
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO AIRLIFT DEFENSIVE SYSTEMS (ADS), MN-6012
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED C-17

PE 41130F

DESCRIPTION/JUSTIFICATION: ENHANCE C-17 OPERATIONAL CAPABILITIES WHILE OPERATING IN A LOW/MEDIUM THREAT ENVIRONMENT. EQUIPS THE C-17 WITH A MISSILE WARNING RECEIVER (MWR), AND COUNTER-MEASURE DISPENSER SYSTEM (CMDS). MODIFIES REMAINING 36 WITH GROUP A & B AND 80 WITH GROUP A ONLY (120 TOTAL).

DEVELOPMENT STATUS: RFP SENT TO CONTRACTOR JUN 92. EXPECT ECP TO BE SUBMITTED JUL 93. ACCELERATED ADS UNDER NEGOTIATION. RFP RELEASED TO CONTRACTOR APR 94.

PROJECTED FINANCIAL PLAN

PRIOR	FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		17.7		11.3						

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 18 KITS

FY98 18 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

FACT SHEET: C-17 6012 AIRLIFT DEFENSIVE SYSTEMS (ADS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

FY-00		FY-01		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----
					29.0

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
 KITS NONRECUR
 EQUIPMENT
 EQUIP NONREC
 CHANGE ORDERS
 DATA
 SIM/TRAINER
 SUPPORT-EQUIP
 INSTALLATION OF HARDWARE
 FY97 18 KITS
 FY98 18 KITS

36 9.4

		(18)	7.2	
		(18)	7.4	
		-----	-----	
		36	14.6	
		36	24.0	

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94	FY-95	FY-96	FY-97	FY-98
-----	-----	-----	-----	-----
			2/97	1/98
			3/97	2/98

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS 1 2 3 4 1 2 3 4
 INPUT 6 12 6 6 6 6 6 6
 OUTPUT 6 6 6 6 6 6 6 6

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO ACCELERATED AIRLIFT DEFENSIVE SYSTEM, MN-6012A CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED C-17A

PE 41130F

DESCRIPTION/JUSTIFICATION: ACCELERATED ENHANCEMENT TO THE C-17 OPERATIONAL CAPABILITY TO OPERATE
IN A LOW/MEDIUM THREAT ENVIRONMENT. EQUIPS THE C-17 WITH A MISSILE WARNING RECEIVER (MWR)
AND COUNTER MEASURE DISPENSER SYSTEM (CMDS). PROVIDES A NEAR TERM CAPABILITY FOR TWO
AIRCRAFT.

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	2	.8								
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY94 2 KITS	(2)	1.5								

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- NA MONTHS
INITIAL LEAD TIME -- 3 MONTHS

FACT SHEET; C-17 6012A ACCELERATED AIRLIFT DEFENSIVE SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							2	.8
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								1.6
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 2 KITS					(	2)		1.5
TOTAL INSTALL COST							2	1.5
TOTAL COST (BP-1100)							2	3.9

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 4/94
DELIVERY-DATE (QTR/FY): 4/94

INSTALLATION SCHEDULE: FY-94 FY-95
QUARTERS 1 2 3 4 1 2 3 4
INPUT 2 2
OUTPUT 2

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO. AUTOMATED G-FILE/DIGITIZED T.O. SYSTEM, MN-6013 CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED C-17

PE 41130F

DESCRIPTION/JUSTIFICATION: REDUCES LIFE CYCLE COST BY REPLACING OVER 1000 LBS. OF MANUALS WITH ELECTRONICALLY STORED INFORMATION.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)		N/A								

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
RPLCMENT KITS

INSTALLATION OF HARDWARE

FY95 11 KITS
FY97 34 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 04 MONTHS

FOLLOW-ON LEAD TIME -- 04 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-17 6013 AUTOMATED G-FILE/DIGITIZED T.O. SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
RPLCMENT KITS

INSTALLATION OF HARDWARE

FY95 11 KITS
FY97 34 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-95	FY-96	FY-97
2/95	1/97	2/97

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

FY-95		FY-96		FY-97	
3	4	1	3	2	3
2	8	4	11	11	12
1	8	3	3	11	12

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

45 2.4

.2

(11)
(34)

45 1.3

45 3.9

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
CONTAINER DELIVERY SYSTEM ENHANCEMENT, MN-6015
PE 41130F

MODELS OF AIRCRAFT AFFECTED C-17

DESCRIPTION/JUSTIFICATION: INCREASES CONTAINER DELIVERY FROM 30 TO 40 CONTAINERS PER AIRCRAFT.

DEVELOPMENT STATUS: FY95 FUNDS WILL BE USED TO RETROFIT TEST AIRCRAFT AND FLIGHT TEST.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-95 FY-96 FY-97 FY-98 FY-99

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

AIRCRAFT

INSTALLATION OF HARDWARE

FY97 11 KITS
FY98 12 KITS
FY99 6 KITS
FY02 11 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

11	2.4	12	2.5	6	1.3
(11)				(12)	
11	2.4	12	2.8	6	1.6

*** UNCLASSIFIED ***

FACT SHEET: C-17 6015 CONTAINER DELIVERY SYSTEM ENHANCEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					11	2.8	40	9.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
AIRCRAFT								
INSTALLATION OF HARDWARE								
FY97 11 KITS	(6)	.2					(11)	.3
FY98 12 KITS							(12)	.3
FY99 6 KITS							(6)	.2
FY02 11 KITS							(11)	.4
TOTAL INSTALL COST	6	.2			11	.4	40	1.2
TOTAL COST (BP-1100)		.2			11	3.2	40	10.2

MILESTONES:

CONTRACT-DATE (QTR/FY): 1/97
DELIVERY-DATE (QTR/FY): 1/98

	FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:														
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4		
INPUT	2	3	3	3	3	3	3	3	3	3	3	3		
OUTPUT	2	3	3	3	3	3	3	3	3	3	3	3		
INSTALLATION SCHEDULE:														
QUARTERS	1	2	3	4	1	2	3	4						
INPUT														
OUTPUT														

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED C-17
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 41130F

DESCRIPTION/JUSTIFICATION: UPGRADE TO LARGER GENERATORS WILL ASSURE SUFFICIENT AIRCRAFT ELECTRICAL
CAPACITY FOR FUTURE GROWTH. INSTALLATION COSTS (SHOWN BELOW) ARE BASED ON CONTRACTOR PROPOSAL,
AND INCLUDES RECURRING, NON-RECURRING, AND CONTRACTOR FIELD TEAM INSTALL. THESE COSTS WERE NOT
SEPARATELY PRICED IN THE PROPOSAL.

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY95 5 KITS
FY96 2 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 1 MONTHS

FOLLOW-ON LEAD TIME -- 1 MONTHS

FACT SHEET: C-17 6017 UPGRADE TO 75/90 KVA GENERATOR
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)							7	11.3
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY95 5 KITS					(	5)		1.5
FY96 2 KITS					(	2)		.5
								.3
TOTAL INSTALL COST							7	.8
TOTAL COST (BP-1100)							7	13.6

MILESTONES:

	FY-95		FY-96	
	QTY	AMT	QTY	AMT
CONTRACT-DATE (QTR/FY):	2/95		1/96	
DELIVERY-DATE (QTR/FY):	2/95		1/96	
INSTALLATION SCHEDULE:				
QUARTERS	1			
INPUT	2		3	
OUTPUT	5		4	

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO 400 POUND PARATROOPER SEAT, MN-6026
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 41130F

DESCRIPTION/JUSTIFICATION: PROCURES AND INSTALLS A PARATROOPER SEAT ON EACH AIRCRAFT. THESE SEATS SUPPORT ARMY REQUIREMENTS. PROVIDE SAFETY AND SUPPORT TO THE OCCUPANT AND MEET THE REVISED C-17 TROOP SEAT SPECIFICATIONS.

DEVELOPMENT STATUS: NO RDT&E REQUIRED. CONTRACTOR PROPOSAL RECEIVED 30 JUN 94. 1/96 BUDGETED CONTRACT AWARD CONSISTANT WITH PROGRAM PRIORITIZATION FOR EARLIEST FUNDING AVAILABILITY.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR							(1)	.4	6	2.8	15	6.8
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												.6
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY97 6 KITS							(2)	.1	(4)	.2	(4)	.2
FY98 15 KITS									(6)	.3	(6)	.3
FY99 5 KITS												
TOTAL INSTALL COST							2	.1	10	.5		
TOTAL COST (BP-1100)							.4	3.5	15	7.3		
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- 4 MONTHS												
INITIAL LEAD TIME -- 9 MONTHS												

FACT SHEET: C-17 6026 400 POUND PARATROOPER SEAT
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	5	2.7			26		26	12.3
KITS NONRECUR								.4
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								.6
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY97 6 KITS	(9)	.5			(6)		(6)	.3
FY98 15 KITS	(5)	.2			(15)		(15)	.8
FY99 5 KITS					(5)		(5)	.2
TOTAL INSTALL COST	14	.7			26		26	1.3
TOTAL COST (BP-1100)	5	3.4			26		26	14.6

MILESTONES:

	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):	2/96	1/97	1/98	1/99
DELIVERY-DATE (QTR/FY):	1/97	4/97	2/98	2/99

INSTALLATION SCHEDULE:	FY-97	FY-98	FY-99	
QUARTERS	2	3	4	1
INPUT	2	2	2	2
OUTPUT	2	2	2	2

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
INTERNAL GUSTS LOCKS, MN-6028
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 41130F

DESCRIPTION/JUSTIFICATION: ACCUMULATORS WILL PROVIDE DAMPING FOR THE PRIMARY CONTROL SURFACES.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY96 20 KITS
FY97 6 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 3 MONTHS

20	2.4	6	.7		
(13)	2.2	(7)	1.2		
		(6)	1.1		
13	2.2	13	2.3		
20	4.6	6	3.0		

FACT SHEET: C-17 6028 INTERNAL GUSTS LOCKS
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A							26	3.1
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY96 20 KITS					(20)	3.4		
FY97 6 KITS					(6)	1.1		
TOTAL INSTALL COST					26	4.5		
TOTAL COST (BP-1100)					26	7.6		

MILESTONES:

	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	2/96	1/97
DELIVERY-DATE (QTR/FY):	3/96	2/97

INSTALLATION SCHEDULE:	FY-96	FY-97
QUARTERS	2	3
INPUT	6	6
OUTPUT	6	6

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION										DATE
(EXHIBIT P-40)										FEBRUARY 1995
P-1 ITEM NOMENCLATURE: C-21										
PROPRIATION/BUDGET ACTIVITY										
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.283	\$2.508	\$4.654	\$3.952	\$1.015	\$1.336	\$1.376	\$1.418		

This line item funds modifications to the C-21 aircraft. The C-21 aircraft is a twin-turbofan engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). The major modification budgeted in FY96 is for procurement of the Global Positioning System. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

FY 1996 PRE

MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150

MODELS OF AIRCRAFT AFFECTED C-21A

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-21 CLASS P

PE 41314F

DESCRIPTION/JUSTIFICATION: NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM HAS THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST ACCURATE DATA WHICH USER EQUIPMENT RECEIVES, COMPUTES PLATFORM POSITION AND VELOCITY, THEN PROVIDES STEERING VECTORS TO TARGET LOCATIONS OR NAVIGATION WAYPOINTS. INTEGRATION OF GPS USER EQUIPMENT INTO THE C-21A WILL REPLACE OMEGA NAVIGATION EQUIPMENT AND PROVIDE MORE ACCURATE POSITION AND VELOCITY INFORMATION TO THE NAVIGATION FUNCTION GROUP. MAC 79 C-21AS, ANG 4 C-21AS.

DEVELOPMENT STATUS: THE DOD INTERSERVICE GROUP B CONTRACT CANNOT BE AWARDED UNTIL ALL FUNDS FROM ALL SERVICES ARE RECEIVED; THEREFORE, 2ND QTR AWARD IS PROGRAMMED TO ALLOW SUFFICIENT TIME FOR THE ADMINISTRATIVE DETAILS.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD18E (3600)

.3

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

OGC

INSTALLATION OF HARDWARE

FY95 1 KIT

FY96 41 KITS

FY97 41 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-21 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							83	4.3
KITS NONRECUR								2.0
EQUIPMENT								4.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								
- SIM/TRAINER					1.3			1.7
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY95 1 KIT	(11)	.3					(1)	.1
FY96 41 KITS	(30)	.9	(11)	1.3			(41)	1.2
FY97 41 KITS							(41)	2.2
TOTAL INSTALL COST	41	1.2	11	1.3			83	3.5
TOTAL COST (BP-1100)		1.2		1.3			1.3	15.5

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:	1
QUARTERS	11
INPUT	10
OUTPUT	

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: C-22										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.000	\$5.072	\$0.670	\$0.391	\$0.291	\$0.200	\$0.206	\$0.212		

This line item funds modifications to the C-22B aircraft. The C-22B, a Boeing 727-100, is a three engine medium-range aircraft used by the Air National Guard to airlift cargo and personnel. The major goal of the modification budgeted in FY96 is for the procurement of the Global Positioning System (GPS). The specific modification budgeted and programmed is attached.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE: C-STOL						
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS											
QUANTITY	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
COST (In Mill)	\$0.091	\$0.694	\$.298	\$0.807	\$2.186	\$3.236	\$3.334	\$3.434			

This line item funds modifications to the C-27 aircraft. The two engine C-27 is the only short takeoff and landing (STOL) theater dedicated tactical airlifter. The overall goal of the modifications budgeted in FY96 is to fund service bulletins necessary to improve reliability and maintainability, safety, and mission performance. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO SERVICE BULLETINS, MN-99999S
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-27 CLASS P

MODELS OF AIRCRAFT AFFECTED C-27A

PE 41315F

DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER 900K EA) MODIFICATIONS NECESSARY TO IMPROVE RELIABILITY, MAINTAINABILITY, SAFETY AND MISSION PERFORMANCE AND TO REDUCE LOGISTICS COSTS. FY94 DOLLARS INCLUDE: TACTICAL TAKEOFF CHARTS. SERVICE LADDER REPLACEMENT, INADVERTENT LOSS OF WHEEL BRAKES, ING/TAS WINDS FIX, COCKPIT INSTRUMENT DISPLAYS NOT DIMMABLE, RMI POINTERS, PITCH SYNC SWITHC, STATIC LINE CABLE REAR ASSIP, STATIC LINE WINCH ELECTRICAL FLUCTUATIONS, CIRCUIT BREAKER PANEL LIGHTING, SINGARS HOMING, TAXI LIGHTING, OLDS REPLACEMENT, AIRCRAFT AIR CONDITIONING DRAINAGE. FY95 IS FOR INFRARED COUNTERMEASURES (IRCM) INSTALLATION.

DEVELOPMENT STATUS: AS REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SERVICE BLTN

4.7	.1	.7	.3	.8	2.2
-----	----	----	----	----	-----

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

4.7	.1	.7	.3	.8	2.2
-----	----	----	----	----	-----

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-27 99999S SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
SERVICE BLTN								
INSTALLATION OF HARDWARE								
		3.2						12.0
TOTAL INSTALL COST								
TOTAL COST (BP-1100)		3.2						12.0

MILESTONES:

	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: C-137							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$3.464	\$1.405	\$2.402	\$1.537	\$1.368	\$1.652	\$1.702	\$1.753		

This line item funds modifications to the C-137 aircraft. The C-137 is a four engine aircraft used to airlift the vice-president, cabinet members, members of Congress and functions as backup to the VC-25 presidential aircraft. The overall goal of the modification budgeted in FY96 is to accomplish FAA directed service bulletins. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST ITEM NO. 37	PAGE NO.	348
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
C-137B/C

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-137 CLASS P
PE 41216F

DESCRIPTION/JUSTIFICATION: THE C-137 IS AN FAA CERTIFIED AIRCRAFT. SERVICE BULLETINS ARE ISSUED TO CORRECT FAA IDENTIFIED DEFICIENCIES. THESE ARE PROGRAMMED AS CLASS IV MODIFICATIONS TO COMPLY WITH AND MAINTAIN FAA CERTIFICATION.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

6.1	1.9	1.0	1.0	1.0	1.0	1.0	1.0
TOTAL INSTALL COST							
6.1	1.9	1.0	1.0	1.0	1.0	1.0	1.0

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; C-137 99999S SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRE

EQUIPMENT

EQUIP NONREC

CHANGE

DATA

SIM/TRAINER

SUPPORT -

AIRCRAFT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):

DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										FEBRUARY 1995
P-1 ITEM NOMENCLATURE: C-141										
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$29.195	\$14.404	\$95.162	\$53.327	\$73.515	\$62.694	\$14.772	\$1.588		

This line item funds modifications to the C-141 aircraft. The four engine C-141 delivers cargo and troops between strategic theaters of operation. It can carry up to 150 combat troops, 103 litter patients, or 13 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO AWLS & AUTOPILOT, MN-13627B
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED C-141B

PE 41118F

DESCRIPTION/JUSTIFICATION: THE ALL WEATHER LANDING SYSTEM AS INSTALLED IN THE C-141 AIRCRAFT IS OF THE MID-60'S TECHNOLOGY. REPLACEMENT OF THE AWLS SYSTEM INCLUDING THE AUTOPILOT SYSTEM IS DEEMED NECESSARY BECAUSE OF NONSUPPORTABILITY. CONTINUAL REPAIR & OVERHAUL OF AWLS COMPONENTS (LRUS) IN THE FIELD & AT THE DEPOT TECHNICAL REPAIR CENTER (TRC) HAVE RESULTED IN DIFFICULTY IN FINDING REPLACEMENT LRU SUB-PARTS TO SUPPORT THE PRESENT AWLS. MOD WILL PROVIDE STATE-OF-THE-ART AUTOPILOT WITH AUTOLAND CAPABILITY, A GROUND COLLISION AVOIDANCE SUBSYSTEM, AND ENHANCED INSTRUMENTATION FOR DISPLAY OF FLIGHT DIRECTION, ATTITUDE, HORIZONTAL SITUATION, ALTITUDE, AIRSPEED, AND VERTICAL SPEED.

DEVELOPMENT STATUS: ENGRG SPECS PREPARED ORGANICALLY. FLT TEST BEGINS AUG 93. ASP AUG 89. ACQ PLAN PREPARED. CONFIGURATION CONTROL BOARD MAR 88. (ACFT BREAKOUT: 21 ANG; 42 AFRES; 33 ACTIVE.)

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS			1	.8			33	3.2	25	2.3	14	1.3
KITS NONRECUR	1	3.6	(1)	6.9			(33)	26.5	(25)	21.1	(14)	13.3
EQUIPMENT												
EQUIP NONREC		4.6										
CHANGE ORDERS		1.6										
DATA		7.2										
SIM/TRAINER		8.1										
SUPPORT-EQUIP		.1					3.7	6.3				2.0
R1W								.6				
CONTRACT NEG		13.2										
SOFTWARE		14.0										
FLIGHT TEST										1.0		
INSTALLATION OF HARDWARE					(1)		*		(1)	1.0		
FY92 1 KITS												
FY94 1 KITS												
FY96 33 KITS									(33)	3.5	(25)	2.7
FY97 25 KITS												
FY98 14 KITS												
FY99 13 KITS												
FY00 9 KITS												
TOTAL INSTALL COST					1		1	1.0	33	3.5	25	2.7
TOTAL COST (BP-1100)	1	52.4	1	10.9	3.7		33	52.6	25	37.3	14	19.3

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
 INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-141 136278 AWLS & AUTOPILOT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							95	10.4
INSTALL KITS	13	1.2	9	1.6			1	3.6
KITS NONRECUR	(13)	12.3	(9)	9.1				89.2
EQUIPMENT								4.6
EQUIP NONREC								1.6
CHANGE ORDERS								9.7
DATA								26.8
SIM/TRAINER								11.2
SUPPORT-EQUIP		3.9						8.6
RIW		1.7						13.2
CONTRACT NEG								18.9
SOFTWARE								1.0
FLIGHT TEST								
INSTALLATION OF HARDWARE								
FY92 1 KITS							(1)	1.0
FY94 1 KITS							(1)	3.5
FY96 33 KITS							(33)	2.7
FY97 25 KITS							(25)	1.6
FY98 14 KITS	(14)	1.6	(13)	1.3			(14)	1.3
FY99 13 KITS							(13)	1.0
FY00 9 KITS					(9)	1.0	(9)	1.0
TOTAL INSTALL COST	14	1.6	13	1.3	9	1.0	96	11.1
TOTAL COST (BP-1100)	13	20.7	9	12.0			96	209.9

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	2/93		3/94		2/96	1/97	1/98	1/99	1/00	
DELIVERY-DATE (QTR/FY):	2/95		2/95		2/97	1/98	1/99	1/00	1/01	

INSTALLATION SCHEDULE:

QUARTERS	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1

INSTALLATION SCHEDULE:

QUARTERS	FY-99	FY-00	FY-01	FY-02
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	5 6 5 5	3 3 3 3	3 3 3 3	3 3 3 3

INSTALLATION SCHEDULE:

QUARTERS	FY-02	FY-03	FY-04
INPUT	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	3 3 3 3	3 3 3 3	3 3 3 3

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED C-141B
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P
PE 41118F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPRISED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES.

DEVELOPMENT STATUS: GROUP B INCLUDES EMBEDDED GPS/INS. AIRCRAFT BREAKOUT: 21 ANG; 42 AFRES; 33 ACTIVE. R&D COMPLETE.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							2	.1			45	2.7
KITS NONREC								6.1				
EQUIPMENT							(2)	1.8			(45)	22.9
EQUIP NONREC												
CHANGE ORDERS								4.7			(21)	3.0
DATA												4.2
SIM/TRAINER												7.8
SUPPORT-EQUIP								12.0				
SOFTWARE												
1553 DATA BUS												
INSTALLATION OF HARDWARE											(2)	.1
FY96 2 KITS												
FY98 45 KITS												
FY99 49 KITS												
TOTAL INSTALL COST											2	.1
TOTAL COST (BP-1100)							2	24.7			45	40.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

DATE 02/21/95

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO HF AUTO COMM PROCESSOR (ACP), MN-3353
CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED C-141B

PE 41840F

DESCRIPTION/JUSTIFICATION: PROVIDES FREQUENCY SCANNING CAPABILITY FOR HF RADIOS GREATLY IMPROVED
LONG DISTANCE COMM CONNECTIVITY. ENHANCES PRESENT HF RADIO SYSTEM THROUGH THE USE OF FREQUENCY
SCANNING AND SELECTION. IN ADDITION, THIS MODIFICATION PROVIDES A LIMITED ANTI-JAM CAPABILITY.
THIS MODIFICATION IS AN INTEGRAL PART OF THE MAC COMMAND AND CONTROL UPGRADE PROGRAM.
INSTALLATION OF SECOND ACP IN FY95, IN CONJUNCTION WITH ARC-190 HF RADIO VERSION-8 AND
ANNUNCIATOR PANEL PROVIDES SELECTIVE CALLING FOR 177 C-141B AIRCRAFT.

DEVELOPMENT STATUS: CCB: DEC 88. QUANTITY PER AIRCRAFT IS 2. ACFT BREAKOUT: 16 ANG; 34 AFR; AND
127 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD18E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	224	1.3			
KITS NONRECUR	2	.2			
EQUIPMENT		16.4 (109)	2.9		
EQUIP NONREC					
CHANGE ORDERS					
DATA		2.6			
SIM/TRAINER		1.4			
SUPPORT-EQUIP		1.0			
INSTALLATION OF HARDWARE					

TOTAL INSTALL COST

TOTAL COST (BP-1100) 226 22.9 2.9

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 10 MONTHS

FOLLOW-ON LEAD TIME -- 10 MONTHS

FACT SHEET: C-141 3353 HF AUTO COMM PROCESSOR (ACP)
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
		224	1.3
		2	.2
			19.3
			2.6
			1.4
			1.0
		226	25.8

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

**SIM/ TRAINER
SUPPORT-EQUIP**

SUPPORT EQUIPMENT INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

MILESTONES:		FY-89	FY-90	FY-91	FY-92	FY-94
CONTRACT-DATE	(QTR/FY):	4/90		3/91	4/93	
DELIVERY-DATE	(QTR/FY):	3/91		2/92	3/94	

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

DATE 02/21/95

FY 1996 PRE

MODIFICATION TITLE AND NO ARLIFT DEFENSIVE SYSTEMS, MN-3455

MODELS OF AIRCRAFT AFFECTED C-141B

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC C-141 CLASS P

PE 4118F

DESCRIPTION/JUSTIFICATION: THE C-141 USERS HAVE A MISSION REQUIREMENT FOR ELECTRONIC WARFARE DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER AND A FLARE AND CHAFF DISPENSER.

DEVELOPMENT STATUS: THIS ENHANCEMENT (ADS) WILL BE MADE TO 70 C-141B AIRCRAFT. 13 AIRCRAFT HAVE BEEN PREVIOUSLY MODIFIED WITH INFRARED COUNTER MEASURES (IRCM)--PROJECT SNOWSTORM, MN 3449; AND 13 ADDITIONAL AIRCRAFT WILL BE MODIFIED WITH DEFENSIVE SYSTEMS UNDER SOFI. IN ALL, 96 C-141B AIRCRAFT WILL BE MODIFIED WITH DEFENSIVE SYSTEM SUITES. GROUP - B FIELD INSTALLED. FOLLOW-ON LEAD TIME DECREASES TO THREE MONTHS.

PROJECTED FINANCIAL PLAN

PRIORITY	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) 2.0

PROCUREMENT (3010)

INSTALL KITS	12	1.8	18	2.3	18	2.3	15	1.9	7	.9
KITS NONRECUR		.9								
EQUIPMENT	1.3	(12)	2.0	(18)	2.5	(18)	3.0	(15)	1.9	(7)
EQUIP NONREC						2.0				.9
CHANGE ORDERS								.4		1.2
DATA	.1			.7		3.1				
SIM/TRAINER	.8					1.0				
SUPPORT-EQUIP	.6		.1	1.0		1.0				
INSTALLATION OF HARDWARE										
FY94 12 KITS			(12)	1.2	(18)	1.4	(18)	2.6	(15)	1.7
FY95 18 KITS										
FY96 18 KITS										
FY97 15 KITS										
FY98 7 KITS										

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 03 MONTHS

FOLLOW-ON LEAD TIME -- 06 MONTHS

DATE 02/24/95

FY 1996 PRE

MODIFICATION TITLE AND NO ENGINE INSTRUMENT DISPLAY SYSTEM, MN-6040

MODELS OF AIRCRAFT AFFECTED C-141B

PE 41118F

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING TAPE-TYPE SYSTEM WITH LIQUID CRYSTAL DISPLAY SYSTEM.
6"X8" DISPLAY WILL BE MOUNTED IN SAME LOCATIONS AS EXISTING VERTICAL TAPE DISPLAY SYSTEM
INDICATORS. RECEIVES INFORMATION THROUGH A MULTI-PURPOSE INTERFACE BOX (DISPLAY DRIVER &
CONVERTER) FROM ENGINE SENSORS AND DISPLAY THE INFORMATION IN DIGITAL COMMONALITY WITH OTHER
DISPLAY AND ELIMINATES ALL MOVING PARTS. INCLUDES INSTALLATION OF PILOT'S AND ENGINEER'S
DISPLAYS, DISPLAY DRIVER, AND WIRING. DISPLAYS THE FOLLOWING PARAMETERS: N1, N2, EGT, FUEL
FLOW AND EPR. MORE RELIABLE AND ACCURATE THAN PRESENT SYSTEM.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 21 ANG, 42 AFRES, 33 ACTIVE (TOTAL: 96).

PROJECTED FINANCIAL PLAN

PRIOR	FY-95	FY-96	FY-97	FY-98	FY-99
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 25 KITS

FY98 35 KITS

FY99 34 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-141 6040 ENGINE INSTRUMENT DISPLAY SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							94	1.9
INSTALL KITS								
KITS NONRECUR								18.0
EQUIPMENT								
EQUIP NONREC								1.8
CHANGE ORDERS								1.0
DATA								1.0
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY97 25 KITS					(25)	.4		
FY98 35 KITS					(35)	.6		
FY99 34 KITS	(33)	.6			(33)	.6		
TOTAL INSTALL COST	33	.6					93	1.6
TOTAL COST (BP-1100)		.6					94	25.3

MILESTONES:

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
--	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-97	FY-98	FY-99	FY-00	FY-01
QUARTERS	2	3	4	1	2
INPUT	1	2	3	4	1
OUTPUT	7	6	6	8	9
		5	8	10	10
			7	10	8
				7	7
					8

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT				
OUTPUT				

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SATCOM, MN-6046
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P
PE 41118F

DESCRIPTION/JUSTIFICATION: INSTALLS A DUAL PURPOSE SATCOM/GPS ANTENNA TO SUPPORT THE USE OF A
PORTABLE COMMERCIAL L-BAND SATCOM. THE CAPABILITY IS NEEDED TO PROVIDE INCREASED
OPERATIONAL EFFECTIVENESS FOR CRITICAL COMMAND AND CONTROL COMMUNICATIONS AND PRECISION NAVIGATION FOR STRATEGIC AND TACTICAL AIRLIFT/AIRDROP MISSIONS.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 02 MONTHS

FOLLOW-ON LEAD TIME -- NA MONTHS

FACT SHEET: C-141 6046 SATCOM
PROJECTED FINANCIAL PLAN (CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-96

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
				124	.1
					3.6
					.3
					.5
				124	4.5

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO WEAP HOLE REWORK, MN-64092B
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED C-141B

PE 41118F

DESCRIPTION/JUSTIFICATION: FATIGUE TESTING HAS IDENTIFIED FATIGUE CRACKING IN THE INNER WING LOWER SURFACE WEAP HOLES AND PANEL RISERS. THIS MODIFICATION INCLUDES QUALITY HOLE REAM-UP AFTER 100 PERCENT NON-DESTRUCTIVE INSPECTION (NDI). FOLLOWED BY INSTALLATION OF A PROTECTIVE SLEEVE, NECESSARY TO MEET PROGRAMMED SERVICE LIFE.

DEVELOPMENT STATUS: NO ECP REQ'D. CONFIGURATION CONTROL BOARD: JUN 84. (AIRCRAFT BREAKOUT: 16 ANG; 16 AFR; AND 214 ACTIVE).

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	265	1.0								
KITS NONRECUR	1	.1								
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOOLING										
INSTALLATION OF HARDWARE										
FY90 130 KITS			(130)	2.1						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

FACT SHEET: C-141 640928 WEEP HOLE REWORK
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							265	1.0
KITS NONRECUR							1	.1
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								.9
SUPPORT-EQUIP								
TOOLING								
INSTALLATION OF HARDWARE								
FY90 130 KITS							(130)	2.1
TOTAL INSTALL COST							130	2.1
TOTAL COST (BP-1100)							266	4.1

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/85
DELIVERY-DATE (QTR/FY): 2/86

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 14 7 9 13
OUTPUT 14 7 9 13

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 38 39 39 39
OUTPUT 38 39 39 39

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ARMOR PLATING, MN-8109
MODELS OF AIRCRAFT AFFECTED C-141
DESCRIPTION/JUSTIFICATION: INSTALL ARMOR PLATING ON 26 AMC AIRCRAFT FOR PROTECTION FROM SMALL ARMS
FIRE DURING EXECUTION OF PROVIDE PROMISE AND OTHER CONTINGENCIES.
DEVELOPMENT STATUS: N/A. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN									
PRIOR									
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
FY-94									
FY-95									
FY-96									
FY-97									
FY-98									
PE 41118F									
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									

TOTAL INSTALL COST
TOTAL COST (BP-1100) 1.5 2.3
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 3 MONTHS FOLLOW-ON LEAD TIME -- 3 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-141 8109 ARMOR PLATING
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99	FY-00	TO COMP	TOTAL
	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT
RD&E (3600) N/A				
PROCUREMENT (3010)				
INSTALL KITS				
KITS NONRECUR				.1
EQUIPMENT				
EQUIP NONREC				3.7
CHANGE ORDERS				
DATA				
SIM/TRAINER				
SUPPORT-EQUIP				
INSTALLATION OF HARDWARE				
TOTAL INSTALL COST				
TOTAL COST (BP-1100)				3.8

MILESTONES:

FY-93 FY-94

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO APN 169-C ESKE OVERWATER DEFICIENCIES, MN-T8221 CLC C-141 CLASS P
MODELS OF AIRCRAFT AFFECTED C-141B PE 41118F

DESCRIPTION/JUSTIFICATION: THE STATION KEEPING EQUIPMENT (SKE) HAS OBSERVED VERY POOR PERFORMANCE WHILE FLYING FORMATIONS OVER WATER AND EXPERIENCES PROBLEMS AT CERTAIN DOWN LOOK ANGLES OVER WATER. THIS WILL SERVERLY IMPACT AMC'S ABILITY TO EFFECTIVELY DELIVER AND SUPPORT COMBAT COMMANDERS AND THEIR FORCES DURING WAR AND CONTINGENCIES DUE TO SKE SYSTEM ERRORS WHILE OPERATING OVER WATER.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD18E (3600) N/A

PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			142	3.0								
EQUIP NONREC				.2								
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY94 142 KITS			(142)	*								

TOTAL INSTALL COST			142									
TOTAL COST (BP-1100)			142	3.2								

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- 1 MONTHS
INITIAL LEAD TIME -- 1 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-141 T8221 APN 169-C ESKE OVERWATER DEFICIENCIES
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY94 142 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 3/94
DELIVERY-DATE (QTR/FY): 4/94

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4
INPUT 142
OUTPUT 142

(142)
142 3.2

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: T-1						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.0	\$0.0	\$5.762	\$8.451	\$8.453	\$9.478	\$0.010	\$0.0		

This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of USAF Specialized Undergraduate Pilot Training (SUPT) for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include UHF and VHF radios, INS, TACAN, ADF, and two VOR/ILS. The overall goal of the modifications budgeted in FY96 is to enhance operational capability through the addition of Global Positioning System. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-1 CLASS P
PE 84741F

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT UPDATES DAILY THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
6.1					

RT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

PROGRM MGMT

INSTALLATION OF HARDWARE

FY96 1 KIT

FY97 41 KITS

FY98 55 KITS

FY99 55 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

FACT SHEET: T-1 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

RD&E (3600)				TO COMP				TOTAL			
				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
				FY-99				FY-00			
				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
PROCUREMENT (3010)											
INSTALL KITS				55	5.1			151	13.9		
KITS NONRECUR								1	1.1		
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER					4.0				7.3		
SUPPORT-EQUIP									9.0		
PROGRM MGMT					.2				.6		
INSTALLATION OF HARDWARE											
FY96 1 KIT										(1)	
FY97 41 KITS				(11)	*					(41)	.2
FY98 55 KITS				(41)	.2	(14)	*			(55)	.2
FY99 55 KITS						(55)	*			(55)	
TOTAL INSTALL COST				52	.2	69				152	.4
TOTAL COST (BP-1100)				55	9.5					152	32.3

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/96
DELIVERY-DATE (QTR/FY): 1/97

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT 1
OUTPUT

FY-96		FY-97		FY-98		FY-99		FY-00	
2/96	1/97	2/96	1/97	2/99	1/98	2/00	1/99	2/00	1/98
1/97	2/98	1/97	2/98	2/99	1/98	2/00	1/99	2/00	1/98

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: T-3					
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.0	\$0.0	\$0.078	\$0.155	\$0.159	\$0.167	\$0.172	\$0.177		

The T-3 is a single engined, propeller driven, two seat (side-by-side), trainer used by AETC as a basic trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted in the FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST ITEM NO. 40		PAGE NO.	373
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UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		P-1 ITEM NOMENCLATURE: T-38								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$14.300	\$25.447	\$11.487	\$15.410	\$31.321	\$128.913	\$118.244	\$124.063		

The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by AETC as an advanced trainer in Undergraduate Pilot Training, and by ACC as a companion training aircraft. The overall goal of the modifications budgeted in FY96 is to enhance safety of flight. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO FUS STA 325 BULKHEAD FORMER CHANGEOUT, MN-10206A CLC T-38 CLASS P-S
MODELS OF AIRCRAFT AFFECTED T-38
PE 84741F

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

DESCRIPTION/JUSTIFICATION: AIRCRAFT IS DEVELOPING CRACKS IN SIX LOCATIONS ON THE 325 FORMER.
REPAIRS ONLY RETARD CRACK GROWTH. DTA INDICATES CRACK GROWTH WILL BE BEYOND SAFETY LIMITS.
STRESS CORROSION CRACKING IS UNPREDICTABLE. FOR CRACK GROWTH, ESTIMATE GROUNDING TO START IN
FY94.

DEVELOPMENT STATUS: PROTOTYPE COMPLETED. KIT PROOFING IS 75% COMPLETE. PRODUCTION EXPECTED TO
START AUGUST 95.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS	141	4.8	154	3.5	27	.9	111	2.5				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
POM CHANGES												
INSTALLATION OF HARDWARE												
FY93 141 KITS	(141)	18.1			(27)	*	(114)	2.5	(13)	1.1		
FY94 154 KITS									(27)	2.2		
FY95 27 KITS									(111)	9.3		
FY96 111 KITS												
TOTAL INSTALL COST	141	18.1			27		114	2.5	151	12.6		
TOTAL COST (BP-1100)	141	22.9	154	3.5	27	.9	111	5.0		12.6		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: T-38 10206A FUS STA 325 BULKHEAD FORMER CHANGEOUT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
POM CHANGES

INSTALLATION OF HARDWARE

FY93 141 KITS
FY94 154 KITS
FY95 27 KITS
FY96 111 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

TO COMP
QTY AMT QTY AMT

433 11.7

(141) 18.1
(154) 3.6
(27) 2.2
(111) 9.3

433 33.2
433 44.9

FY-97

FY-96

FY-95

FY-94

FY-93

FY-92

FY-91

FY-90

FY-89

FY-88

FY-87

FY-86

FY-85

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FY-43

FY-42

FY-41

FY-40

FY-39

FY-38

FY-37

FY-36

FY-35

FY-34

FY-33

FY-32

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO COCKPIT ENCLOSURE (PC), MN-14207B

CLC T-38 CLASS P-S

MODELS OF AIRCRAFT AFFECTED T-38

PE 84741F

DESCRIPTION/JUSTIFICATION: FATIGUE CRACKS COMBINED WITH CORROSION ARE BEING FOUND IN THE COCKPIT LONGERON AT AN INCREASING RATE. THE DAMAGE IS ALSO BEING FOUND AROUND THE CANOPY HOOK SLOTS AND LONGERON SPLICE. THE CRITICALITY OF THE STRUCTURAL COMPONENTS LIMITS THE TYPE AND NUMBER OF AUTHORIZED REPAIRS BEFORE LOSS OF STRUCTURAL INTEGRITY LEADING TO CATASTROPHIC FAILURE OF STRUCTURAL COMPONENTS AND/OR LOSS OF PERSONNEL. THIS MODIFICATION WILL REDESIGN AND STRENGTHEN THE AGING STRUCTURAL COMPONENTS, INCORPORATE A NEW CANOPY LATCHING SYSTEM, AND STRENGTHEN OTHER STRUCTURALLY RELATED AREAS/COMPONENTS.

DEVELOPMENT STATUS: FY94 INSTALLATION COST INCREASE WAS DUE TO LEARNING CURVE AFTER CONTRACT/ORGANIC INSTALLATION EXECUTION CHANGE.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	349	12.3	83	2.5	10	5.0
--------------	-----	------	----	-----	----	-----

KITS NONREC

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

TOOLING

INSTALLATION OF HARDWARE

FY90 25 KITS	(2)					
--------------	-----	--	--	--	--	--

FY91 125 KITS

FY92 181 KITS

FY93 19 KITS

FY94 83 KITS

FY95 10 KITS

TOTAL INSTALL COST	327	41.2	23	1.2		
--------------------	-----	------	----	-----	--	--

TOTAL COST (BP-1100)	350	54.9	83	3.7	10	5.0
----------------------	-----	------	----	-----	----	-----

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 27 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: T-38 14207B COCKPIT ENCLOSURE (PC) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							442	19.8
INSTALL KITS							1	.4
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								.2
CHANGE ORDERS								
DATA								
SIM/TRAINER								.8
SUPPORT-EQUIP								
TOOLING								
INSTALLATION OF HARDWARE								
FY90 25 KITS					(25)			1.2
FY91 125 KITS					(125)			17.3
FY92 181 KITS					(181)			20.8
FY93 19 KITS					(19)			3.1
FY94 83 KITS					(83)			4.9
FY95 10 KITS					(10)			.4
TOTAL INSTALL COST							443	47.7
TOTAL COST (BP-1100)							443	68.9

MILESTONES:

	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	3/90	3/91	1/92	1/93	1/94	1/95		
DELIVERY-DATE (QTR/FY):	4/92	1/93	1/94	1/95	1/96	1/97		
INSTALLATION SCHEDULE:								
QUARTERS	1 2 3	4 1 2	3 4 1	1 2 3	2 3 4	1 2 3	3 4	
INPUT	1	1	3 20	39 18	22 30	40 30	30 30	30
OUTPUT	1	1	1 3	20 39	18 22	30 40	30 30	30
INSTALLATION SCHEDULE:								
QUARTERS	1 2 3	4 1 2	3 4 1	1 2 3	2 3 4	1 2 3	3 4	
INPUT	19 20	20 35	34 34					
OUTPUT	30 19	20 20	20 35					

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO BIRD IMPACT RESISTANT WINDSCREEN, MN-19205A
CLASS P-S
PE 84741F

DESCRIPTION/JUSTIFICATION: THE EXISTING T-38 MAGNESIUM WINDSHIELD FRAME HAS BEEN FOUND WITH A LARGE NUMBER OF CRACKS, IS SUSCEPTIBLE TO CORROSION AND DOES NOT MEET THE MINIMUM BIRD STRIKE REQUIREMENTS. FRAMES RETURNED TO DEPOT HAVE NOT BEEN REPAIRED SUCCESSFULLY AND SPARES ARE NOT AVAILABLE. THE BIRD IMPACT RESISTANT COMPOSITE FRAME BEING PROTOTYPED WILL ELIMINATE THESE PROBLEMS. MODIFICATION IS REQUIRED TO PROVIDE ADEQUATE PROTECTION TO THE AIR CREW AGAINST LOW LEVEL FLIGHT BIRD STRIKES AND PREVENT FUTURE FATAL MISHAPS. NEW FRAME MUST SUSTAIN THE WEAPON SYSTEM BEYOND THE YEAR 2010.

DEVELOPMENT STATUS: COMPLETE (NO RDT&E REQUIRED).

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
TOOLING
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100) 116 7.6 100 4.3 135 5.8 105 4.0

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 10 MONTHS FOLLOW-ON LEAD TIME -- 9 MONTHS

FACT SHEET: T-38 19205A BIRD IMPACT RESISTANT WINDSCREEN
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)							456	19.1
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								1.4
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								1.2
TOOLING								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)							456	21.7

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY):	2/94	2/94	2/94	3/95	3/96
DELIVERY-DATE (QTR/FY):	4/94	2/95	3/95	3/96	2/97

INSTALLATION SCHEDULE:

QUARTERS
 INPUT
 OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION										DATE
(EXHIBIT P-40)										FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: T-41								
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY										
COST (In Mil)		\$0.163	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025

The T-41 is a military derivative of the civilian Cessna 172, a four seat, propeller driven, light aircraft used by the winner of the President's Trophy winning Service Academy, USAFA in support of the aeronautical engineering course curriculum. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: T-43								
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY										
COST (In Mil)		\$1.900	\$5.334	\$5.441	\$1.105	\$0.835	\$0.571	\$0.589	\$0.608	

The T-43 is a military derivative of the Boeing 737 used by AETC as an airborne training platform in Undergraduate Navigator Training. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED T-43

PE 84742F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE JAM-
RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO
IMPROVE MISSION EFFECTIVENESS. AIRCRAFT: 12 ACTIVE.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY95 4 KITS

FY96 4 KITS

FY97 4 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: T-43 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							12	1.2
KITS NONRECUR								
EQUIPMENT								.6
EQUIP NONREC								
CHANGE ORDERS								.4
DATA								3.2
SIM/TRAINER					.2			.9
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY95 4 KITS					(		( 4)	.2
FY96 4 KITS					(		( 4)	.2
FY97 4 KITS					(		( 4)	.2
	(4)	.2						
TOTAL INSTALL COST	4	.2					12	.6
TOTAL COST (BP-1100)		.2					12	6.9

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	2/95	1/96	1/97				
DELIVERY-DATE (QTR/FY):	2/97	1/98	1/99				

INSTALLATION SCHEDULE:

QUARTERS	FY-97	FY-98	FY-99	FY-00	FY-01
1	2	3	2	4	3
INPUT	1	1	1	1	1
OUTPUT	1	1	1	1	1

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SERVICE BULLETINS, MN-99999S
MODELS OF AIRCRAFT AFFECTED T-43
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P
PE 84742F

DESCRIPTION/JUSTIFICATION: THE T-43 IS A FAA CERTIFIED AIRCRAFT. SERVICE BULLETINS ARE ISSUED TO CORRECT FAA IDENTIFIED DEFICIENCIES. THESE ARE PROCESSED AS CLASS P MODIFICATIONS TO COMPLY WITH AND MAINTAIN FAA CERTIFICATION.

DEVELOPMENT STATUS: AS REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SERV BULL

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: T-43 99999S SERVICE BULLETINS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
SERV BULL								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)								

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
PPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: KC-10 ATCA						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$ 36.661	\$17.946	\$20.690	\$15.591	\$7.371	\$4.727	\$4.939	\$5.088		

This line item funds modifications to the KC-10 aircraft. The three engine KC-10 serves a dual-role by providing both air refueling and cargo support. The aircraft refuels using both the boom and drogue methods and can carry up to 27 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150

CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED ALL

PE 41219F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: ACFT BREAKOUT: 59 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY94 1 KIT

FY95 25 KITS

FY96 25 KITS

FY97 8 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 21 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: KC-10 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							58	14.6
KITS NONRECUR							1	1.3
EQUIPMENT								18.3
EQUIP NONREC								
CHANGE ORDERS								1.7
DATA								.7
SIM/TRAINER								5.9
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 1 KIT					(	1)		.5
FY95 25 KITS					(	25)		4.1
FY96 25 KITS					(	25)		4.1
FY97 8 KITS	(8)	2.0			(	8)		2.0
TOTAL INSTALL COST	8	2.0					59	10.7
TOTAL COST (BP-1100)		2.0					59	53.2

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/94
DELIVERY-DATE (QTR/FY): 2/95

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4
INPUT 1 1
OUTPUT 1

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 7 1
OUTPUT 6 1

FY-94 3 4 1 2 3 4 1 2 3 4
FY-95 2/95 2/96 2/97 2/98 2/99 2/00 2/01 2/02 2/03 2/04
FY-96 1/97 1/98 1/99 1/00 1/01 1/02 1/03 1/04 1/05 1/06
FY-97 1 6 6 6 6 6 6 6 6 6
FY-98 3 6 7 7 6 6 6 6 6 6
FY-99 4 6 7 7 6 6 6 6 6 6
FY-00 3 6 7 7 6 6 6 6 6 6

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
REFUELING PODS, MN-3351
MODELS OF AIRCRAFT AFFECTED
KC-10A
PE 41219F

DESCRIPTION/JUSTIFICATION: PROVIDES TWO ADDITIONAL WING-TIP MOUNTED, HOSE REEL AIR REFUELING SYSTEMS
FOR PROBE AND DROGUE REFUELING. ENHANCES RELIABILITY AND SUPPORT OF U.S. NAVY, MARINE, AND
ALLIED AIRCRAFT. FIFTEEN SETS OF PODS/PYLONS (2 PODS PER SET) HAVE BEEN PURCHASED AND TWENTY
AIRCRAFT ARE BEING MODIFIED.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)													
INSTALL KITS	11	3.5	9	2.5									
KITS NONREC		1.1											
EQUIPMENT		15.0	(7)	12.2									
EQUIP NONREC				.3									
CHANGE ORDERS				1.6									
DATA		1.9		.5									
SIM/TRAINER		.1		.7									
SUPPORT-EQUIP		2.6		.4									
INSTALLATION OF HARDWARE													
FY88 5 KITS	(5)												
FY93 6 KITS	(6)	5.9				(6)	4.7	(3)	.9				
FY94 9 KITS													
TOTAL INSTALL COST	11	5.9				6	4.7	3	.9				
TOTAL COST (8P-1100)	11	30.1	9	18.2			4.7		.9				

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOSIT
INITIAL LEAD TIME -- 16 MONTHS
FOLLOW-ON LEAD TIME -- 16 MONTHS

FACT SHEET: KC-10 3351 REFUELING PODS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					20	6.0		
KITS NONRECUR						1.1		
EQUIPMENT						27.2		
EQUIP NONREC						.3		
CHANGE ORDERS						1.6		
DATA						2.4		
SIM/TRAINER						.8		
SUPPORT-EQUIP						3.0		
INSTALLATION OF HARDWARE								
FY88 5 KITS					(5)			
FY93 6 KITS					(6)			5.9
FY94 9 KITS					(9)			5.6
TOTAL INSTALL COST					20	11.5		
TOTAL COST (BP-1100)					20	53.9		

MILESTONES:

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY):	3/88					3/93	1/94		
DELIVERY-DATE (QTR/FY):	4/89					1/95	2/95		

INSTALLATION SCHEDULE:
QUARTERS 1 2 3
INPUT
OUTPUT

	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
INPUT	4	1	2	4	1	4	1	2	3
OUTPUT	3	1	1	2	2	2	2	2	3

*** UNCLASSIFIED ***

DATE 02/21/95

FY 1996 PRE
MODIFICATION TITLE AND NO MISC SERVICE BULLETIN, MN-41008B

MODELS OF AIRCRAFT AFFECTED ALL

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION PROCURES COMMERCIAL OFF-THE-SHELF KITS, PARTS, AND MATERIALS NECESSARY TO IMPLEMENT CONTRACTOR AND/OR FAA CERTIFIED SERVICE BULLETINS.

DEVELOPMENT STATUS: MODIFICATION COMPLETE.

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

2.2

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

PE 41219F

*** UNCLASSIFIED ***

FACT SHEET: KC-10 41008B MISC SERVICE BULLETIN
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

2.2

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2.2

MILESTONES:

FY-94	FY-95
-------	-------

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SATCOM, MN-6046
MODELS OF AIRCRAFT AFFECTED ALL
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
PE 41219F

DESCRIPTION/JUSTIFICATION: RECENT INCIDENTS HAVE HIGHLIGHTED THE NEED FOR DIRECT COMMUNICATIONS
AND CONTROL. A COMMERCIALY AVAILABLE AERO-C SATCOM SYSTEM WILL PROVIDE THE CAPABILITY FOR
THE KC-10.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

59	.2
(59)	1.6
	.5

TOTAL INSTALL COST

TOTAL COST (BP-1100)

59 2.3

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTER-STATE
INITIAL LEAD TIME -- 2 MONTHS
FOLLOW-ON LEAD TIME -- NA MONTHS

FACT SHEET: KC-10 6046 SATCOM
PROJECTED FINANCIAL PLAN (CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)

MILESTONES:

FY-96

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----
				59	.2
					1.6
					.5
-----		-----		-----	
				59	2.3

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
MODELS OF AIRCRAFT AFFECTED KC-10
PE 41219F

DESCRIPTION/JUSTIFICATION: SERVICE BULLETINS ARE ISSUED TO CORRECT MANUFACTURER IDENTIFIED DEFICIENCIES. DURING FY94-95 THIS MOD WILL INCLUDE SERVICE BULLETINS ISSUED TO CORRECT HOSE REEL DEFICIENCIES AND TO SATISFY THE REQUIREMENTS OF THE HOSE REEL IMPROVEMENT PROGRAM.

DEVELOPMENT STATUS: NO PRIOR DEVELOPMENT REQUIRED.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
AIRCRAFT									
INSTALLATION OF HARDWARE									

TOTAL INSTALL COST									
TOTAL COST (BP-1100)	2.4	3.7	1.0	1.0	1.0	1.0	1.0		.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: KC-10 99999S SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
.1		.1		.1		.9	
.6		1.8		1.8		12.9	
.7		1.9		1.9		13.8	

FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: C-12										FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: C-12								
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	
QUANTITY										
COST (In Mil)		\$0.278	\$1.291	\$3.237	\$3.105	\$2.548	\$1.054	\$1.086	\$1.117	

This line item funds modifications to the C-12 aircraft. The C-12 is a twin-turboprop, support-airlift aircraft used to transport cargo and passengers and to provide flying experience for air refueling tanker copilots. The major modification budgeted in FY96 is to initiate the procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-12 CLASS P
PE 41314F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM RESISTANCE, THREE DIMENSIONAL POSITION, VELOCITY AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 71 ACTIVE.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
OGC

INSTALLATION OF HARDWARE

FY95 1 KIT
FY96 12 KITS
FY97 36 KITS
FY98 22 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: C-12 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							70	3.3
KITS NONRECUR							1	.8
EQUIPMENT								4.3
EQUIP NONREC								
CHANGE ORDERS								.5
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY95 1 KIT							(1)	.1
FY96 12 KITS							(12)	.3
FY97 36 KITS	(36)	1.0	(22)	.8			(36)	1.0
FY98 22 KITS							(22)	.8
TOTAL INSTALL COST	36	1.0	22	.8			71	2.2
TOTAL COST (BP-1100)		1.0		.8			71	11.1

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	2/95	2/96	1/97	1/98			
DELIVERY-DATE (QTR/FY):	4/95	2/98	1/99	1/00			
INSTALLATION SCHEDULE:							
QUARTERS	1 2 3	4 1	2 3 4	1 2 3 4	1 2 3 4	5 5 5	4 4 4
INPUT		1					2
OUTPUT			1				5
INSTALLATION SCHEDULE:							
QUARTERS	1 2 3	4 1	2 3 4	1 2 3 4	1 2 3 4	5 5 5	4 4 4
INPUT	9 9 9	9 8 9	7 8 8	7 7 7	7 7 7	7 7 7	7 7 7
OUTPUT	2						

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: C-18								FEBRUARY 1995
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY										
COST (In Mil)		\$0.182	\$2.116	\$2.675	\$1.130	\$.476	\$.393	\$.405	\$.417	

This line item funds modifications to the C-18 aircraft. The C-18, a modified Boeing 707, is a long range, four engine, jet transport aircraft. The C-18 is used to support Space and Missile Missions. The major modification budgeted in FY96 is for the procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed are attached

*** UNCLASSIFIED ***

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
 MODELS OF AIRCRAFT AFFECTED C/EC-18
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-18 CLASS P
 PE 41314F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
 NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-
 RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO
 IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN				FY-94				FY-95				FY-96				FY-97				FY-98			
PRIOR				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A																							

PROCUREMENT (3010)																							
INSTALL KITS																							
KITS NONRECUR																							
EQUIPMENT																							
EQUIP NONREC																							
CHANGE ORDERS																							
DATA																							
SIM/TRAINER																							
SUPPORT-EQUIP																							
INSTALLATION OF HARDWARE																							
FY95 2 KITS																							
FY96 2 KITS																							
FY97 2 KITS																							
FY98 1 KIT																							

TOTAL INSTALL COST																							
TOTAL COST (BP-1100)																							

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 24 MONTHS
 FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: C-18 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					5	.2		
KITS NONRECUR					2	1.6		
EQUIPMENT						.5		
EQUIP NONREC						.2		
CHANGE ORDERS								
DATA						.7		
SIM/TRAINER						1.7		
SUPPORT-EQUIP						.2		
INSTALLATION OF HARDWARE								
FY95 2 KITS					(2)			
FY96 2 KITS					(2)			
FY97 2 KITS					(2)			
FY98 1 KIT					(1)			
TOTAL INSTALL COST	2	.1			1	.1	7	.4
TOTAL COST (BP-1100)		.1				.1	7	5.5

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	2/95	2/96	2/97	2/98			
DELIVERY-DATE (QTR/FY):	2/97	2/98	2/99	2/00			

INSTALLATION SCHEDULE:

QUARTERS	FY-97	FY-98	FY-99	FY-00	FY-01
INPUT	1	1	1	1	1
OUTPUT	1	1	1	1	1

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-20 Mods				
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (In Mil)	\$0.100	\$6.420	\$7.765	\$1.995	\$2.709	\$1.287	\$1.326	\$1.366

This line item funds modifications to the C-20 aircraft. The C-20 aircraft is a twin-engine, turboprop aircraft used to airlift DOD officials and high-ranking government personnel over long distances (4,000 miles). The overall goal of the modifications budgeted in FY96 is to initiate the procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED C-20
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-20 CLASS P
PE 41314F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE,
JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER
TO IMPROVE MISSION EFFECTIVENESS. AIRCRAFT: 10 ACTIVE.

DEVELOPMENT STATUS: ACFT BREAKOUT: 11 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	1	.5	3	4.8	3	1.0	3	1.0
KITS NONRECUR	(1)	4.4	(3)	1.3	(3)	.3	(1)	.4
EQUIPMENT		.2						
EQUIP NONREC								
CHANGE ORDERS		.6						
DATA				.8				
SIM/TRAINER				.2				
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE			(1)	*			(3)	.6
FY95 1 KIT								
FY96 3 KITS								
FY97 3 KITS								
FY98 3 KITS								

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-20 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP QTY	AMT		TOTAL QTY	AMT	
	QTY	AMT	QTY	AMT						
RDT&E (3600) N/A										
PROCUREMENT (3010)										
INSTALL KITS								10		7.3
KITS NONRECUR										4.4
EQUIPMENT										2.2
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY95 1 KIT									.6	2.0
FY96 3 KITS										.2
FY97 3 KITS	(3)	.6	(3)	.6						
FY98 3 KITS	3	.6	3	.6						
TOTAL INSTALL COST										
TOTAL COST (BP-1100)										

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-95
FY-96
FY-97
FY-98
FY-99
FY-00
FY-01

FY-95
FY-96
FY-97
FY-98
FY-99
FY-00
FY-01

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: VC-25A MOD								
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY										
COST (In Mil)		\$9.764	\$7.790	\$7.772	\$1.919	\$890	\$917	\$944	\$972	

This line item funds modifications to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for presidential support. The overall goal of the modification budgeted in FY96 is to accomplish FAA directed service bulletins. The specific modification budgeted and programmed is attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED VC-25A
PE 41314F

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-25 CLASS P

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-
RESISTANT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO
IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

ROT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
OGC

INSTALLATION OF HARDWARE

FY96 1 KIT
FY97 1 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET; C-25 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY96 1 KIT
FY97 1 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):	DELIVERY-DATE (QTR/FY):
01/2010	01/2010
02/2010	02/2010
03/2010	03/2010
04/2010	04/2010
05/2010	05/2010
06/2010	06/2010
07/2010	07/2010
08/2010	08/2010
09/2010	09/2010
10/2010	10/2010
11/2010	11/2010
12/2010	12/2010
01/2011	01/2011
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05/2019	05/2019
06/2019	06/2019
07/2019	07/2019
08/2019	08/2019
09/2019	09/2019
10/2019	10/2019
11/2019	11/2019
12/2019	12/2019
01/2020	01/2020
02/2020	02/2020
03/2020	

INSTALLATION SCHEDULE:

QUARTERS	INPUT	OUTPUT
----------	-------	--------

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

$$\begin{array}{r} 2 \\ 232 \\ 632 \end{array}$$

9. 1.

7.

— — — — —

2.2

8.5
2
.1

FY-01

FY-00

FY-99

FY-98

FY-97

EV-96

FY-99

FV-98

•

11

ATT

vic.

INPUT

INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
 MODIFICATION OF AIRCRAFT
 FY 1996 PRE
 MODIFICATION TITLE AND NO MISSION COMMUNICATION SYSTEM UPGRADES, MN-4268
 MODELS OF AIRCRAFT AFFECTED VC-25
 PE 41314F

DESCRIPTION/JUSTIFICATION: THE MCS (MCS) FOR VIP/SAM ACFT IS ESSENTIAL TO SUPPORTING THE AIRBORNE
 PRESIDENTIAL MISSION. THE REQUIREMENT IS BASED ON THE NEED TO ENSURE CONTINUED, SUSTAINED,
 AND INCREASED SUPPORT FOR THE PRESIDENTIAL AIRCRAFT. THE MOD INTEGRATES SARS/TARS HARDWARE
 AND SOFTWARE INTO THE EXISTING MCS SWITCHING SYSTEM.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
2	1.5				

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
 KITS NONRECUR
 EQUIPMENT
 EQUIP NONREC
 CHANGE ORDERS
 DATA
 SIM/TRAINER
 SUPPORT-EQUIP
 SARS/TARS HDW
 INSTALLATION OF HARDWARE
 FY94 2 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
 INITIAL LEAD TIME -- 3 MONTHS
 FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-25 4268 MISSION COMMUNICATION SYSTEM UPGRADES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							2	1.5
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
SARS/TARS HDW								
INSTALLATION OF HARDWARE								
FY94 2 KITS					(	2)		1.3
							2	1.3
TOTAL INSTALL COST							2	9.2
TOTAL COST (BP-1100)								

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 3/94
DELIVERY-DATE (QTR/FY): 4/94

INSTALLATION SCHEDULE: FY-95 FY-96
QUARTERS 1 2 3 4
INPUT 2 2
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-130						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$118.785	\$76.500	\$84.399	\$92.533	\$84.035	\$95.446	\$162.741	\$161.415		

This line item funds modifications to the C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED C-130

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41115F

DESCRIPTION/JUSTIFICATION: FOUR C-130 MISHAPS DURING 1978, EACH INVOLVING LOSS OF AIRCRAFT AND HUMAN LIFE. EMPHASIZE THE NEED FOR A RECORDER SYSTEM. WHEN ALL CREW MEMBERS ARE FATALY INJURED AND THERE IS NO RECORDER EVIDENCE AVAILABLE, THE ACCIDENT INVESTIGATION BOARD MEMBERS USUALLY MUST SURMISE THEIR CONCLUSIONS AS TO THE POSSIBLE CAUSES OF THE ACCIDENT. FOLLOW-ON ACTION OFTEN HAS LED TO EXPENSIVE FORCE RETROFIT OR FORCE DOWNTIMES WHICH MAY OR MAY NOT HAVE BEEN NEEDED. A RECORDER SYSTEM SHOULD PRECLUDE ACCIDENT BOARD CONCLUSIONS BASED ON INSUFFICIENT DATA AND THUS ELIMINATE UNNECESSARY RETROFITS AND COSTLY DOWNTIME AS A RESULT. PMD LY1072 (1). 90 MOD INSTAL (\$3.990).

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT : 172 ANG; 115 AFRES; AND 298 ACTIVE. (INSTALL SCHEDULE REFLECTS 11 AZ ACFT, 66 ANG, 9 AFRES & 65 MAC ACFT NOT FUNDED BY BP11.)

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 1.3

KITS NONRECUR .1

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY90 212 KITS

(212) 4.4

TOTAL INSTALL COST

212 4.4

TOTAL COST (BP-1100)

.1 5.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-130 10603A FLIGHT DATA RECORDER
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								1.3
KITS NONRECUR								.1
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY90 212 KITS					(212)			4.4
TOTAL INSTALL COST							212	4.4
TOTAL COST (BP-1100)								5.8

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
2 3	2 3	1 2 3	2 3	1 4	2 3	4
6 18	40 47 48	40 51 14	40 51 14	4 3 7	3 7 7	9
1 8	36 48 52	39 57 25	39 57 25	4 3 7	3 7 7	9

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-94	FY-95	FY-96
2 3	2 3	2 3
18 14 14	20 23 17	18 17 18
18 14 14	20 23 17	18 17 18

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO APQ-122 RADAR REPLACEMENT, MN-12603B
MODELS OF AIRCRAFT AFFECTED C-130E
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41115F

DESCRIPTION/JUSTIFICATION: PRESENTLY THE APQ-122(V)1, IS INSTALLED ON THE C-130E ADVERSE WEATHER AERIAL DELIVERY SYSTEM (AWADS) AIRCRAFT. THE MODIFICATION NEEDS TO BE ACCOMPLISHED DUE TO THE LOW RELIABILITY (12-18 HOURS MTBF). THE LACK OF BITS AND PIECES AND OF REPAIRABLE ASSEMBLIES HAS RESULTED IN INTENSIVE MANAGEMENT OF THE APQ-122 SYSTEM BY THE DEPOT. MODIFICATION WOULD RESULT IN A SYSTEM WITH FILED DEMONSTRATED MEAN TIME BETWEEN FAILURE (MTBF) OF 150 HOURS. FY92 ECP WILL INCLUDE LPI (LOW PROBABILITY OF INTERCEPT) IMPLEMENTATION IN SECTOR SCAN. PMD 6211(2)/12603B. 90 MOD INSTAL (\$2.250).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. FY 93-94 ICS ARE FIRM FIXED PRICED OPTIONS.
ACFT BREAKOUT: 48 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	49	4.8			
KITS NONRECUR	1	7.1			
EQUIPMENT		29.0			
EQUIP NONREC		29.0			
CHANGE ORDERS		3.1			
DATA		4.4			
SIM/TRAINER		4.4			
SUPPORT-EQUIP		18.1			
ICS		3.2			

FLIGHT TEST

INSTALLATION OF HARDWARE

FY90 50 KITS (50)

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 28 MONTHS

FOLLOW-ON LEAD TIME -- 60 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-130 12603B APQ-122 RADAR REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					49	4.8		
KITS NONRECUR					1	7.1		
EQUIPMENT						29.0		
EQUIP NONREC						29.0		
CHANGE ORDERS						6.2		
DATA						4.4		
SIM/TRAINER						4.4		
SUPPORT-EQUIP						19.1		
ICS						11.0		
FLIGHT TEST								
INSTALLATION OF HARDWARE								
FY90 50 KITS					(50)			
TOTAL INSTALL COST							50	
TOTAL COST (BP-1100)							50	115.0

MILESTONES:

CONTRACT-DATE (QTR/FY): 4/87
DELIVERY-DATE (QTR/FY): 2/90

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 1
OUTPUT 1

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 3
OUTPUT 3

	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY):	4/87	1/88	1/89	1/90						
DELIVERY-DATE (QTR/FY):	2/90	1/93	2/93	4/93						
INSTALLATION SCHEDULE:										
QUARTERS	3	4	1	4	3	4	3	4		
INPUT	2	1	2	1	2	1	2	2		
OUTPUT	1	1	1	1	1	1	1	2		
INSTALLATION SCHEDULE:										
QUARTERS	3	4	1	4	3	4	3	4		
INPUT	2	6	6	6	2	1	2	2		
OUTPUT	2	6	6	6	1	1	1	2		

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED C-130

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41115F

DESCRIPTION/JUSTIFICATION: THIS MOD WILL REPLACE THE EXISTING COMPUTERS IN THE C-130 SIMULATORS WITH STATE-OF-THE-ART COMPUTERS. THIS MOD IS REQUIRED TO INSURE THE CAPABILITY OF INSTALLING FUTURE MODS TO THE SIMS. THE EXISTING COMPUTERS ARE CRITICALLY SHORT ON SPARE MEMORY AND PROCESSING TIME. THE SCNS MOD IS ON CONTRACT AND WILL BE THE LAST MAJOR MOD ON THE C-130 SIMULATORS WITH EXISTING COMPUTERS. AFTER INSTALLATION OF THE SCNS AND THE AWADS RADAR REPLACEMENT (MOD--126038), THE C-130 SIMULATORS WILL HAVE ABSOLUTELY NO SPARE TIME LEFT FOR FUTURE CONCURRENT MODS (#17605B, #3150, #3343, #3344). PMD: 2261(2)/64227F/54118F/54219F/41115F.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
ROT&E (3600) N/A												

PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER	11	16.8										
SUPPORT-EQUIP												
SOFTWARE												
INSTALLATION OF HARDWARE												
FY92 1 KITS	(1)	.4										
FY93 10 KITS	(10)	.8										
TOTAL INSTALL COST	11	1.2										
TOTAL COST (BP-1100)	11	18.0										

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 3 MONTHS

FACT SHEET; C-130 14515B COMPUTER REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
SOFTWARE								
INSTALLATION OF HARDWARE								
FY92 1 KITS					(	1)		.4
FY93 10 KITS					(	10)		.8
TOTAL INSTALL COST							11	20.3
TOTAL COST (BP-1100)							11	21.5

MILESTONES:

	FY-92	FY-93	FY-94
CONTRACT-DATE (QTR/FY):	1/92	1/93	
DELIVERY-DATE (QTR/FY):	1/93	2/93	

INSTALLATION SCHEDULE:

	FY-93
QUARTERS	
INPUT	1 2 3 4
OUTPUT	1 3 3 4

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO AUTOPILOT/GCAS, MN-17605B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED ALL C-130

PE 41115F

DESCRIPTION/JUSTIFICATION: THE PRESENT C-130 AUTOPILOT HAS BEEN IN SERVICE SINCE THE LATE 1950S. THE TUBE TECHNOLOGY IS OBSOLETE AND UNSUPPORTABLE DUE TO THE LACK OF REPLACEMENT PARTS. A SPECIAL PRODUCTION LINE IS REQUIRED TO PRODUCE THE TUBES WHICH ARE EXTREMELY EXPENSIVE AND UNRELIABLE. CURRENT MISSION REQUIREMENTS INVOLVE OVERWATER FLIGHTS AND AIR REFUELING WHICH REQUIRE A RELIABLE AUTOPILOT TO SUSTAIN AUTOMATIC FLIGHT CONTROL TO ALLEVIATE AIRCREW FATIGUE AND IMPROVE AIR CREW CAPABILITY IN ACCOMPLISHING CONTINGENCY AND UNCONVENTIONAL WARFARE TASKINGS. THE SYSTEM INCLUDES GROUND COLLISION AVOIDANCE SYSTEM (GCAS) CAPABILITY. PMD 9208(1)/17605B.

DEVELOPMENT STATUS: CCB AUG 88. FLIGHT TEST, JAN 1995. ACFT BREAKOUT: 132 AFRES; 207 ANG; AND 283 ACTIVE. (620 TOTAL AIRCRAFT WILL BE MODIFIED WITH 718 KITS). THE INSTALLATION SCHEDULE BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT IS FOR GCAS ONLY AND IS PURCHASED WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD QTR FY94. THIS KIT IS OFF THE SHELF AND DOES NOT REQUIRE THE 12 MONTHS LEADTIME.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	1	4.0	103	1.1						
KITS NONRECUR			8	1.9						
EQUIPMENT			(103)	4.5						
EQUIP NONREC		21.6	(8)	12.6						
CHANGE ORDERS										
DATA		.9		4.6	(11)	7.1				
SIM/TRAINER										
SUPPORT-EQUIP		5.4		6.2						
SOFTWARE				.8		.6				
WARRANTY				.3		.2				
ICS				.1		.9				
FLIGHT TEST						1.0				
INSTALLATION OF HARDWARE										
FY92 2 KITS			(2)	.1	(42)	1.0	(64)	2.2	(5)	.4
FY94 111 KITS									(56)	3.9
FY96 103 KITS									(47)	3.3
FY97 136 KITS									(134)	9.4
FY98 64 KITS										
FY99 160 KITS										
FY00 143 KITS										

TOTAL INSTALL COST

2	.1	42	1.0	64	2.2	61	4.3	181	12.7
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TOTAL COST (BP-1100)

1	31.9	111	32.2	9.8	103	27.0	136	46.2	64	39.3
---	------	-----	------	-----	-----	------	-----	------	----	------

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-130 17605B AUTOPILOT/GCAS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	160	13.5	143	12.1			708	49.8
KITS NONRECUR							10	7.6
EQUIPMENT	(160)	32.0	(143)	30.2				120.9
EQUIP NONREC								37.9
CHANGE ORDERS								3.2
DATA								6.0
SIM/TRAINER								7.1
SUPPORT-EQUIP								6.9
SOFTWARE								11.1
WARRANTY								2.6
ICS								3.8
FLIGHT TEST								
INSTALLATION OF HARDWARE								
FY92 2 KITS							(2)	.1
FY94 111 KITS							(111)	3.6
FY96 103 KITS							(103)	7.2
FY97 136 KITS							(136)	9.6
FY98 64 KITS	(2)	.2	(3)	.2			(64)	5.1
FY99 160 KITS	(61)	4.9	(157)	12.6			(3)	.3
FY00 143 KITS							(143)	14.0
								14.0
TOTAL INSTALL COST	63	5.1	160	12.8	146	14.3	719	52.5
TOTAL COST (BP-1100)	160	53.6	143	55.1			718	309.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO ELECTRICAL SYSTEM UPGRADE, MN-18600B CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED C-130E/H/N/P/U

PE 41115F

DESCRIPTION/JUSTIFICATION: THE C-130 ELECTRICAL POWER SYSTEM WAS DESIGNED IN THE 1950'S. ON-BOARD EQUIPMENT IN USE THEN WAS RELATIVELY TOLERANT OF ELECTRICAL POWER FLUCTUATIONS. MODERN AVIONIC SYSTEMS, HOWEVER, ARE DEPENDENT ON SOLID-STATE CIRCUITS AND COMPUTER SUPPORT WHICH MAKES THEM MORE SUSCEPTIBLE TO DISRUPTIVE ELECTRICAL TRANSIENTS/SPIKES WITHIN THE SYSTEM. THE PROPELLER SYNCHROPHASER, FOR EXAMPLE, HAS TRANSLATED A LOW VOLTAGE CONDITION INTO A LOSS OF ENGINE POWER RESULTING IN OVER 30 FLIGHT MISHAPS FROM 1987 TO 1989. THE C-130 WILL CONTINUE TO BE A VIABLE PART OF THE AIRLIFT FORCES INTO THE NEXT CENTURY. THE C-130 WILL NEED "CLEAN" ELECTRICAL POWER FOR ALL NEW MODIFICATIONS TO OPERATE PROPERLY AND RELIABLY. PMD 2264(2).

DEVELOPMENT STATUS: COMPLETE. ACFT BREAKOUT: 186 ANG; 124 AFRES; 297 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	4	8.2	5	.1	75	10.5	96	11.7	112	13.5
KITS NONRECUR					(75)	.9	(96)	.9	(112)	1.2
EQUIPMENT			(5)	.1						
EQUIP NONREC		1.7	(2)	.2						
CHANGE ORDERS										
DATA				2.6						
SIM/TRAINER				(16)						
SUPPORT-EQUIP										
FLIGHT TEST										
INSTALLATION OF HARDWARE										
FY93 4 KITS	(4)				(5)	.3	(75)	3.3	(96)	4.4
FY94 5 KITS										
FY96 75 KITS										
FY97 96 KITS										
FY98 112 KITS										
FY99 224 KITS										
FY00 66 KITS										

TOTAL INSTALL COST	4				5	.3	75	3.3	96	4.4
TOTAL COST (BP-1100)	4	9.9	5	3.0	4.5	11.7	96	15.9	112	19.1

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-130 18600B ELECTRICAL SYSTEM UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A								
PROCUREMENT (3010)							578	63.9
INSTALL KITS	224	22.9	66	5.2			4	8.2
KITS NONRECUR								5.9
EQUIPMENT	(224)	2.3	(66)	.5				1.9
EQUIP NONREC								2.6
CHANGE ORDERS								1.9
DATA								1.2
SIM/TRAINER								1.4
SUPPORT-EQUIP								
FLIGHT TEST								
INSTALLATION OF HARDWARE								
FY93 4 KITS							(4)	.3
FY94 5 KITS							(5)	3.3
FY96 75 KITS							(75)	4.4
FY97 96 KITS							(96)	5.4
FY98 112 KITS							(112)	9.0
FY99 224 KITS	(112)	5.4	(224)	9.0			(224)	3.6
FY00 66 KITS					(66)	3.6	(66)	26.0
TOTAL INSTALL COST	112	5.4	224	9.0	66	3.6	582	113.0
TOTAL COST (BP-1100)	224	30.6	66	14.7				

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):										
DELIVERY-DATE (QTR/FY):										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	2	2	2	2	20	15	24	24	1/00	
OUTPUT	2	2	2	2	20	15	24	24	1/01	
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	28	28	28	28	56	56	16	16		
OUTPUT	28	28	28	28	56	56	16	16		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT	28	28	28	28	56	56	16	16		
OUTPUT	28	28	28	28	56	56	16	16		

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO FUEL QTY SYS UPGRADE ON C-130H, MN-186038
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED EC-130H/C130H

PE 41115F

DESCRIPTION/JUSTIFICATION: MODIFICATION UPGRADES THE FUEL QUANTITY SYSTEM ON EARLY E/C-130H AIRCRAFT BY INSTALLING EXTERNALLY MOUNTED FUEL PROBES. DIGITAL FUEL QUANTITY INDICATORS AND ASSOCIATED WIRING. THIS INCREASES RELIABILITY TO AN MTBM OF 3,500 HOURS AND SAVES AN ESTIMATED 90 HOURS PER PROBE WHEN TROUBLESHOOTING THE SYSTEM. PMD 0911(1).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. AIRCRAFT BREAKOUT: 6 ANG; 60 ACTIVE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	13	1.1	20	1.5		4	.3	3	.2	19	1.7
KITS NONREC	1	.3			1.1	(4)	.2	(3)	.2	(16)	1.1
EQUIPMENT		.8	(20)	.9							
EQUIP NONREC		.1									
CHANGE ORDERS											
DATA				*			.1	(1)	.9		
SIM/TRAINER											
SUPPORT-EQUIP											
TOOLING				.2							
INSTALLATION OF HARDWARE											
FY92 3 KITS	(3)	.1						(15)	1.1	(2)	.2
FY93 11 KITS	(11)	1.3						(2)	.1	(3)	.3
FY94 20 KITS					(5)	1.5					
FY96 4 KITS											
FY97 3 KITS											
FY98 19 KITS											
FY99 6 KITS											

TOTAL INSTALL COST 14 1.4 20 2.4 5 1.5 17 1.2 5 .5

TOTAL COST (BP-1100) 14 3.9 20 2.4 2.6 4 .6 3 2.5 19 3.3

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

FACT SHEET: C-130 18603B FUEL QTY SYS UPGRADE ON C-130H
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	6	.5					65	5.3
KITS NONRECUR							1	1.4
EQUIPMENT	(6)	.4						3.6
EQUIP NONREC								.1
CHANGE ORDERS								.1
DATA								.9
SIM/TRAINER								.2
SUPPORT-EQUIP								
TOOLING								
INSTALLATION OF HARDWARE								
FY92 3 KITS							(3)	.1
FY93 11 KITS							(11)	1.3
FY94 20 KITS							(20)	2.6
FY96 4 KITS							(4)	.3
FY97 3 KITS							(3)	.3
FY98 19 KITS							(19)	1.0
FY99 6 KITS	(10)	1.0	(9)	1.5			(6)	1.5
	10	1.0	15	1.5			66	7.1
TOTAL INSTALL COST								
TOTAL COST (BP-1100)	6	1.9		1.5			66	18.7

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY):	2/92	2/93	2/94	2/96	2/96	1/97	1/98	1/99	
DELIVERY-DATE (QTR/FY):	4/93	4/94	4/95	4/97	4/97	3/98	3/99	3/00	
INSTALLATION SCHEDULE:									
QUARTERS	1	3	3	4	1	4	1	4	
INPUT	2	4	2	1	2	1	2	5	
OUTPUT								4	
INSTALLATION SCHEDULE:									
QUARTERS	1	3	3	4	1	4	3	4	
INPUT	5	5	2	1	2	1	4	5	
OUTPUT	5	5	2	1			2	4	
INSTALLATION SCHEDULE:									
QUARTERS	1	3	3	4	1	4	3	4	
INPUT	5	4	2	2	2	5	4	5	
OUTPUT	5	5	2	1			2	5	

DATE 02/21/95

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150

MODELS OF AIRCRAFT AFFECTED ALL MODELS OF C-130

PE 41115F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE-BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE,
JAM-RESISTANT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL
WEATHER TO IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: CONTRACT AWARD TO SMITH IN FY93/3. TRIAL INSTALL COMPLETES FY94/2 WITH KPS
FY 3/94. FY94 FUNDING SATISFIES URGENT RQMT TO MODIFY 28 HC-130 COMBAT
SHADOW (21 REQUIRE FULLY INTEGRATED GPS; 7 REQUIRE UPGRADE TO HI-SPEED PROCESSORS) ALL 28 HC-1
30S TO BE MODIFIED 4/96. ACFT BREAKOUT: 190 ANG, 130 AFRES, 233 ACTIVE. CCB APR 90. RDT&E
COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	3	.5	76	.5	142	1.5	142	1.5	164	2.0
KITS NONRECUR	2	4.7		4.6						
EQUIPMENT		.2	(76)	6.3	(142)	10.4	(142)	10.4	(164)	15.0
EQUIP NONREC		.5								
CHANGE ORDERS		1.5		1.2						
DATA										
SIM/TRAINER						1.0				
SUPPORT-EQUIP										
SOFTWARE				1.0		.5		.3		
FLIGHT TEST								.5		
INSTALLATION OF HARDWARE										
FY92 5 KITS	5	.2			(21)	.8	(55)	1.5	(142)	3.8
FY94 76 KITS										(142)
FY95 142 KITS										4.0
FY96 142 KITS										
FY97 164 KITS										

TOTAL INSTALL COST	5	.2			21	.8	55	1.5	142	3.8	142	4.0
TOTAL COST (BP-1100)	5	7.6	76	13.6	142	14.2	142	14.2	164	20.8		4.0

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 9 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: C-130 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

RDT&E (3600) N/A

PROCUREMENT (3010)

ISSUEMENT	527
INSTALL KITS	2
KITS NONRECUR	42.3
EQUIPMENT	.5
EQUIP NONREC	1.2
CHANGE ORDERS	1.5
DATA	1.0
SIM/TRAINER	
SUPPORT-EQUIP	.3
SOFTWARE	2.0

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: 1
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:	
QUARTERS	1
INPUT	35
OUTPUT	35

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE

MODIFICATION TITLE AND NO SCNS, MN-3190

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED C-130B/E/H/N/P

PE 41115F

DESCRIPTION/JUSTIFICATION: EQUIPS C-130 AIRCRAFT WITH A SELF-CONTAINED NAVIGATION SYSTEM (SCNS). THE SCNS WILL ENABLE C-130S TO OPERATE WITHOUT EXTERNAL NAVIGATION AIDS, SINCE IN BATTLE ZONES NAVIGATION AIDS ARE LIKELY TO BE SHUT DOWN OR JAMMED. THE SCNS WILL IMPROVE THE C-130 MISSION SUCCESS LIKELIHOOD, PARTICULARLY ON LOW LEVEL MISSIONS. THE SCNS WILL BE PROCURED AS A SINGLE ENTITY AND WILL INCLUDE: INERTIAL NAVIGATION SYSTEM (INU), DOPPLER VELOCITY SENSOR, COCKPIT DISPLAY UNIT, AND AN AIR DATA COMPUTER. DATA TRANSFER SYSTEM (DTS) PERMITS AIRCREWS TO PRELOAD MISSION DATA IN GROUND FACILITIES FOR DIGITAL TRANSFER VS MANUAL LOADING ON ACFT SAVING MANY MANHOURS. FY93 ECP'S INCLUDE DUAL INERTIAL NAVIGATION SYSTEM & OFB UPDATE. PMD: 3115(3)/3190.

DEVELOPMENT STATUS: ACFT BREAKOUT: 173 ANG; 120 AFRES; AND 256 ACTIVE. NOTE: TOTAL KIT PROCUREMENTS (539 KITS), TOTAL INSTALLATION LINE (400 KITS), AND TOTAL KITS ACTUALLY INSTALLED (549) DIFFER BECAUSE 10 KITS WERE PROCURED SEPARATELY PRIOR TO FY87 THEREBY REDUCING THE NUMBER OF KITS REQUIRED TO BE PURCHASED UNDER THIS MOD, AND 139 KITS WERE INSTALLED VIA O&I. IN ESSENCE, OF 549 KITS AVAILABLE TO INSTALL, ONLY 400 WERE INSTALLED VIA DEPOT/FIELD TEAM.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD7&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	535	24.9										
KITS NONRECUR	4	14.4										
EQUIPMENT		133.1										
EQUIP NONREC		17.1										
CHANGE ORDERS		5.3										
DATA		6.0										
SIM/TRAINER		19.9										
SUPPORT-EQUIP		31.1										
BENCH MOCK-UP		7.2										
TOOLING/EAP		50.0										
ICS		2.1										
INSTAL		4.9										
INSTALLATION OF HARDWARE												
FY90 379 KITS	(379)											
FY92 14 KITS	(14)	2.6										
FY93 7 KITS	(7)	.8										

TOTAL INSTALL COST	400	3.4										
TOTAL COST (BP-1100)	539	319.4	2.7	8.5	14.5	4.4	3.9					

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 7 MONTHS

(CONTINUED)

*** UNCLASSIFIED ***

FACT SHEET: C-130 3190 SCNS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)							535	24.9
INSTALL KITS							4	14.4
KITS NONRECUR								133.1
EQUIPMENT								17.1
EQUIP NONREC								23.6
CHANGE ORDERS								6.0
DATA								25.9
SIM/TRAINER								31.1
SUPPORT-EQUIP								7.2
BENCH MOCK-UP								50.0
TOOLING/EAP								11.8
ICS								4.9
INSTALL								
INSTALLATION OF HARDWARE							(379)	
FY90 379 KITS							(14)	2.6
FY92 14 KITS							(7)	.8
FY93 7 KITS								
TOTAL INSTALL COST							400	3.4
TOTAL COST (BP-1100)							539	353.4

MILESTONES:

	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY):	1/90			4/94					
DELIVERY-DATE (QTR/FY):	3/90		3/94	3/95					

INSTALLATION SCHEDULE:

	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
QUARTERS	1	2	3	4	1	2	3	4	
INPUT	14	27	31	39	41	25	23	24	25
OUTPUT	11	21	35	41	46	23	22	28	18

INSTALLATION SCHEDULE:

	FY-94	FY-95	FY-96	FY-97	FY-98
QUARTERS	1	2	3	4	
INPUT	19	11	8	4	2
OUTPUT	22	15	2	8	3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HF AUTO COMM PROCESSOR (ACP), MN-3353
MODELS OF AIRCRAFT AFFECTED E & H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41840F

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION SUPPORTS THE AIRLIFT MOBILITY COMMAND'S COMMAND AND CONTROL (C2) SYSTEM UPGRADE. IT, ALONG WITH SEVERAL ADDITIONAL MULTIPLE WEAPON SYSTEM MODES, PROVIDE THE ENHANCEMENTS AND UPGRADES TO THE AIRBORNE SEGMENT OF THE MAC C2 SYSTEM UPGRADE. SPECIFICALLY THIS MODIFICATION IMPROVES THE PERFORMANCE OF THE AN/ARC-190 HF RADIO BY ADDING AUTOMATIC CHANNEL SCANNING, AUTOMATIC ADDRESSING WITH ADDRESS PROTECTION, CHANNEL EVALUATION AND FREQUENCY MANAGEMENT. ALSO JAM RESISTANCE/AVOIDANCE THROUGH SLOW FREQUENCY HOPPING WILL BE PROVIDED. PMD: 0924(1)/T3353.

DEVELOPMENT STATUS: CCB MAY 89. TOTAL GP A KITS REQUIRED IS 684, WHICH INCLUDES 105 NEW A/C PRODUCED BETWEEN FY91 AND PRODUCTION CUT-IN STARTING FY95; 368 ON HAND. TOTAL GP B ACPS REQUIRED IS 731 QTY IS ONE PER 637 SCNS A/C (INCLUDES NEW PRODUCTION) AND TWO PER 47 SOF A/C. 471 ARE PROVIDED AT NO COST--EXCESS FROM OTHER A/C; E-4; C-141; 282. C-5; 126, KC-10; 59. A/C BREAKOUT: 178 ANG; 147 AFRES AND 359 ACTIVE.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	671	5.0 (104)	1.1				216	.6	240	.7	60	.2
KITS NONRECUR	13	.4										
EQUIPMENT		10.2 (2)	*									
EQUIP NONREC		1.0										
CHANGE ORDERS		4.9	3.1									
DATA		5.6	1.5									
SIM/TRAINER			(11)	1.7								
SUPPORT-EQUIP		1.3										
SOFTWARE												
INSTALLATION OF HARDWARE							(54)	.2	(212)	.6	(240)	.6
FY94 104 KITS												
FY96 216 KITS												
FY97 240 KITS												
FY98 60 KITS												

TOTAL INSTALL COST

TOTAL COST (BP-1100) 684 28.4 5.7 1.7 216 .8 240 1.3 60 .8

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

FACT SHEET; C-130 3353 HF AUTO COMM PROCESSOR (ACP)
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

*** UNCLASSIFIED ***

RDT&E (3600)	N/A			
PROCUREMENT (3010)				
INSTALL KITS			1187	7.6
KITS NONRECUR			13	.4
EQUIPMENT				10.2
EQUIP NONREC				1.0
CHANGE ORDERS				8.0
DATA				7.1
SIM/TRAINER				1.7
SUPPORT-EQUIP				1.3
SOFTWARE				
INSTALLATION OF HARDWARE				
FY94 104 KITS		(54)		.2
FY96 216 KITS		(212)		.6
FY97 240 KITS		(240)		.6
FY98 60 KITS	(114)	(114)		.4
TOTAL INSTALL COST	114	620		1.8
TOTAL COST (BP-1100)		1200		39.1

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS 1

INSTALLATION SCHEDULE:	1
QUARTERS	60
INPUT	60
OUTPUT	

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 27419F

DESCRIPTION/JUSTIFICATION: CONVERTS JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) FROM
JOINT MESSAGE STANDARD (JMS) TO TACTICAL DIGITAL INFORMATION LINK J (TADIL-J). THE NEW DOD
MESSAGE STANDARD. REPLACES CLASS 1 JTIDS WITH 2H JTIDS TERMINALS.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-130 3401 JTIDS TADIL J
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
 KITS NONRECUR
 EQUIPMENT
 EQUIP NONREC
 CHANGE ORDERS
 DATA
 SIM/TRAINER
 SUPPORT-EQUIP
 AIRCRAFT

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-96

 2/96

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO AIRLIFT DEFENSIVE SYSTEMS, MN-3455 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED C-130, E, H PE 41115F

DESCRIPTION/JUSTIFICATION: THE C-130 USERS HAVE HAD LONGSTANDING MISSION NEED FOR ELECTRONIC WARFARE
DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE
SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER, AND A FLARE AND CHAFF DISPENSER.
PMD: 9246(2).

DEVELOPMENT STATUS: ACFT BREAKOUT: 87 ACTIVE, 38 ANG.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT	QTY

RDTE (3600) 2.1 .2

PROCUREMENT (3010)

INSTALL KITS	48	2.5	77	1.9		
KITS NONRECUR						
EQUIPMENT		9.5	(77)	11.7		
EQUIP NONREC						
CHANGE ORDERS						

DATA						
SIM/TRAINER			(11)	3.3		
SUPPORT-EQUIP		.4	2.9			

INSTALLATION OF HARDWARE

FY92 18 KITS	(18)	1.7				
FY93 30 KITS	(30)	2.2				
FY94 77 KITS			(77)	3.4		

TOTAL INSTALL COST 48 3.9 77 3.4

TOTAL COST (BP-1100) 48 16.3 77 16.5 6.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM
INITIAL LEAD TIME -- 9 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-130 3455 AIRLIFT DEFENSIVE SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)								2.3
PROCUREMENT (3010)								
INSTALL KITS							125	4.4
KITS NONRECUR								
EQUIPMENT								21.2
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								3.3
SUPPORT-EQUIP								3.3
INSTALLATION OF HARDWARE								
FY92 18 KITS					(18)			1.7
FY93 30 KITS					(30)			2.2
FY94 77 KITS					(77)			3.4
TOTAL INSTALL COST							125	7.3
TOTAL COST (BP-1100)							125	39.5

MILESTONES:

	FY-92	FY-93	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	2/92	1/93	1/94	
DELIVERY-DATE (QTR/FY):	1/93	1/94	1/95	

INSTALLATION SCHEDULE:	FY-93	FY-94	FY-95
QUARTERS	1 2 3	1 2 3	1 2 3
INPUT	3 5 5	3 5 5	3 5 5
OUTPUT	3 5 5	3 5 5	3 5 5

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO ABCCC MODIFICATIONS, MN-3458
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED EC-130E

PE 27419F

DESCRIPTION/JUSTIFICATION: THESE MODIFICATIONS WILL ENSURE ABCCC INTEROPERABILITY WITH EXISTING US/ ALLIED THEATER C3 ELEMENTS. INTEGRATION OF JTIDS CLASS 2 TERMINALS INTO THE ABCCC PROVIDES THE CAPABILITY TO RECEIVE, PROCESS AND DISPLAY INFORMATION INTERCHANGED OVER A JTIDS NETWORK. TO MEET THE JCS REQUIREMENT FOR THREE SATCOM SYSTEMS PER CAPSULE, ADDITIONAL ARC-187 RADIOS WILL BE INSTALLED IN EXISTING CAPSULES. INTEGRATION OF AN/ARC-222 RADIO WILL PROVIDE SECURE ANTI-JAM VHF FM SINGCARS-V COMMUNICATIONS WITH OTHER BATTLEFIELD ELEMENTS. PMD: 5263(6)/27419F.

DEVELOPMENT STATUS: THE JTIDS FIRST ARTICLE IS INTEGRATED INTO AN OPERATIONAL SYSTEM (A/C AND CAPSULE). THIS SYSTEM IS USED AS THE DEVELOPMENT BASELINE. TESTED AND RETURNED TO THE OPERATIONAL FLEET. BUILT IN TEST TO THE SHOP REPLACEABLE UNIT UPGRADE TO THE JTIDS CLASS 2 TERMINAL SCHEDULED FOR COMPLETION 4/94. SINGCARS FIRST ARTICLE COMPLETE 2/96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)		5.6		2.7		2.1						
PROCUREMENT (3010)												
INSTALL KITS	1	.1	6	.5			7	.5				
KITS NONRECUR		.3						.2				
EQUIPMENT		.3	(6)	1.4			(7)	3.5				
EQUIP NONREC		.2				1.8		.4				
CHANGE ORDERS												
DATA		.3				.1		.3				
SIM/TRAINER												
SUPPORT-EQUIP		.7				1.9						
INSTALLATION OF HARDWARE												
FY93 1 KITS	(1)	.1			(6)	.3			(7)	*		
FY94 6 KITS												
FY96 7 KITS												
TOTAL INSTALL COST	1	.1		.3	6	.3		7				
TOTAL COST (BP-1100)	1	2.0	6	1.9		4.1	7	4.9				

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-130 3458 ABCCC MODIFICATIONS
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								10.4
PROCUREMENT (3010)							14	1.1
INSTALL KITS								.5
KITS NONRECUR								5.2
EQUIPMENT								2.4
EQUIP NONREC								.7
CHANGE ORDERS								
DATA								
SIM/TRAINER								2.6
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY93 1 KITS					(1)			.1
FY94 6 KITS					(6)			.3
FY96 7 KITS					(7)			
TOTAL INSTALL COST							14	.4
TOTAL COST (BP-1100)							14	12.9

MILESTONES:

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
INSTALLATION SCHEDULE:						
QUARTERS	3	4	3	4	3	4
INPUT	2	4/93	2/94	1	2	2
OUTPUT	1	1/94	2/95		3/96	7
					2/97	7

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO MICROWAVE LANDING SYS (MLS), MN-3587
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED C-130 E-N

PE 35114F

DESCRIPTION/JUSTIFICATION: ACQUIRES AND INSTALLS GROUP B FOR MODIFIED COMMERCIAL MICROWAVE LANDING
SYSTEM (MLS) AVIONICS. PWD: 0958(1)/35114F.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 197 ANG; 116 RES; 237 ACTIVE. THE PRE FY83 SCNS AIRCRAFT
ALREADY HAVE GP A PROVISIONS INSTALLED.
(438 GP A TO BE INSTALLED AS PART OF THE SCNS MOD.)
RDT&E COMPLETE.

PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

	PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
PROCUREMENT (3010)																		
INSTALL KITS	115	2.4																
KITS NONRECUR	1																	
EQUIPMENT		13.3																
EQUIP NONREC		1.5																
CHANGE ORDERS		4.8																
DATA		.1																
SIM/TRAINER				(11)	1.0													
SUPPORT-EQUIP		.2			1.6													
INSTALLATION OF HARDWARE																		
FY90 1 KIT	(1)																	
FY91 60 KITS	(60)	2.3																
FY92 55 KITS	(55)	2.4																
TOTAL INSTALL COST	116	4.7																
TOTAL COST (BP-1100)	116	27.0			2.6									3.3				

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

FACT SHEET: C-130 3587 MICROWAVE LANDING SYS (MLS)
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

FUND	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
100	100	100	100	100	100	100	100	100
200	200	200	200	200	200	200	200	200
300	300	300	300	300	300	300	300	300
400	400	400	400	400	400	400	400	400
500	500	500	500	500	500	500	500	500
600	600	600	600	600	600	600	600	600
700	700	700	700	700	700	700	700	700
800	800	800	800	800	800	800	800	800
900	900	900	900	900	900	900	900	900
1000	1000	1000	1000	1000	1000	1000	1000	1000
1100	1100	1100	1100	1100	1100	1100	1100	1100
1200	1200	1200	1200	1200	1200	1200	1200	1200
1300	1300	1300	1300	1300	1300	1300	1300	1300
1400	1400	1400	1400	1400	1400	1400	1400	1400
1500	1500	1500	1500	1500	1500	1500	1500	1500
1600	1600	1600	1600	1600	1600	1600	1600	1600
1700	1700	1700	1700	1700	1700	1700	1700	1700
1800	1800	1800	1800	1800	1800	1800	1800	1800
1900	1900	1900	1900	1900	1900	1900	1900	1900
2000	2000	2000	2000	2000	2000	2000	2000	2000
2100	2100	2100	2100	2100	2100	2100	2100	2100
2200	2200	2200	2200	2200	2200	2200	2200	2200
2300	2300	2300	2300	2300	2300	2300	2300	2300
2400	2400	2400	2400	2400	2400	2400	2400	2400
2500	2500	2500	2500	2500	2500	2500	2500	2500
2600	2600	2600	2600	2600	2600	2600	2600	2600
2700	2700	2700	2700	2700	2700	2700	2700	2700
2800	2800	2800	2800	2800	2800	2800	2800	2800
2900	2900	2900	2900	2900	2900	2900	2900	2900
3000	3000	3000	3000	3000	3000	3000	3000	3000
3100	3100	3100	3100	3100	3100	3100	3100	3100
3200	3200	3200	3200	3200	3200	3200	3200	3200
3300	3300	3300	3300	3300	3300	3300	3300	3300
3400	3400	3400	3400	3400	3400	3400	3400	3400
3500	3500	3500	3500	3500	3500	3500	3500	3500
3600	3600	3600	3600	3600	3600	3600	3600	3600
3700	3700	3700	3700	3700	3700	3700	3700	3700
3800	3800	3800	3800	3800	3800	3800	3800	3800
3900	3900	3900	3900	3900	3900	3900	3900	3900
4000	4000	4000	4000	4000	4000	4000	4000	4000
4100	4100	4100	4100	4100	4100	4100	4100	4100
4200	4200	4200	4200	420				

RDT&E (3600)	N/A		
PROCUREMENT (3010)			
INSTALL KITS		115	2.4
KITS NONRECUR		1	
EQUIPMENT			13.3
EQUIP NONREC			1.5
CHANGE ORDERS			6.2
DATA			.4
SIM/TRAINER			1.0
SUPPORT-EQUIP			3.4
INSTALLATION OF HARDWARE			
FY90 1 KIT	(1)		2.3
FY91 60 KITS	(60)		2.4
FY92 55 KITS	(55)		2.4

TOTAL INSTALL COST		116	4.7

TOTAL COST (BP-1100)		116	32.9

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	1
QUARTERS	1
INPUT	
OUTPUT	

INSTALLATION SCHEDULE: 1
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED C-130
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41115F

DESCRIPTION/JUSTIFICATION: EXISTING LIFE HISTORY RECORDER IS UNRELIABLE. MODIFICATION
IF NEW SOLID-STATE UNIT STRAIN GAGES. EXISTING TRANSDUCERS WILL BE RELOCATED TO ENHANCE
THE PERFORMANCE OF THE LIFE HISTORY RECORDING SYSTEM. IF MODIFICATION IS NOT APPROVED,
AIRCRAFT TRACKING PROGRAM WILL USE INCORRECT LOADS FOR MISSION, ERRONEOUS INSPECTION
INTERVALS WILL BE ESTABLISHED, AND CATASTROPHIC STRUCTURAL FAILURE MAY OCCUR. RECORDERS
ARE INSTALLED ON SELECTED AIRCRAFT OF SEVEN DIFFERENT MISSION SERIES C-130S TO REPRESENT
TOTAL FLEET EXPOSURE. PMD: 5214(5)/0604201F/3264. 90 MOD INSTAL (\$0.423).

DEVELOPMENT STATUS: COMPLETE. (AIRCRAFT BREAKOUT: 18 ANG; 18 AFRES; AND 41 ACTIVE).

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									

PROCUREMENT (3010)									
INSTALL KITS	48	2.6		16	.8	13	.7		
KITS NONRECUR									
EQUIPMENT		6.5							
EQUIP NONREC		.5							
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP		.3							
INSTALLATION OF HARDWARE									
FY90 48 KITS	(38)	1.4	(10)	.4		(16)	.7	(13)	.5
FY95 16 KITS									
FY96 13 KITS									
TOTAL INSTALL COST	38	1.4	10	.4		16	.7	13	.5
TOTAL COST (BP-1100)	48	11.3		.4	16	.8	13	1.4	.5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 42 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-130 67087B LIFE HISTORY RECORDER
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)							77	4.1
INSTALL KITS								
KITS NONREC								
EQUIPMENT								
EQUIP NONREC								6.5
CHANGE ORDERS								.5
DATA								
SIM/TRAINER								.3
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY90 48 KITS					(	48)		1.8
FY95 16 KITS					(	16)		.7
FY96 13 KITS					(	13)		.5
TOTAL INSTALL COST							77	3.0
TOTAL COST (BP-1100)							77	14.4

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

FY-87	FY-89	FY-90	FY-91	FY-92	FY-94	FY-95	FY-96	FY-97
3/88	2/89	2/90		3/94		1/95	1/96	
1/92	4/92	4/92		3/95		1/96	1/97	
FY-94		FY-95		FY-96		FY-97		
2	4	2	4	2	4	2	4	
3		3		3		3		
1		12	15	5	5	6		
1		9	12	5	5	6		
1		12	15	5	5	6		

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MISC SIMULATOR UPDATES, MN-99999M
MODELS OF AIRCRAFT AFFECTED C-130
DESCRIPTION/JUSTIFICATION: MISC LOW COST MODS UNDER \$900K. INCLUDES SOLID STATE SYNCROPHASER,
DUAL ADI POWER SOURCE, INTERPHONE IMPROVEMENTS, RAMP MOUNTING HOLD, E-SKE RECI LIGHTING AND
COMMUNICATION/INTERPHONE PANEL.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
RDT&E (3600) N/A

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
QTY	AMT	QTY	AMT	QTY	AMT

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SIM UPDATES

INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-130 99999M MISC SIMULATOR UPDATES
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SIM UPDATES

5.3

INSTALLATION OF HARDWARE

1.5

TOTAL INSTALL COST

TOTAL COST (BP-1100)

1.5

5.3

MILESTONES:

FY-96	FY-97	FY-98	FY-99	FY-01
-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO COMPASS CALL, MN-COMPAS
MODELS OF AIRCRAFT AFFECTED C-130
DESCRIPTION/JUSTIFICATION: NOTE: \$4.5 WITHHELD BY OSD.
DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD78E (3600) N/A
PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
OTHER MODS
OSD WITHHOLD
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)
METHOD OF IMPLEMENTATION: INSTALLATION --
INITIAL LEAD TIME -- MONTHS
FOLLOW-ON LEAD TIME -- MONTHS

FACT SHEET: C-130 COMPAS COMPASS CALL
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OTHER MODS								
OSD WITHHOLD								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)								

RDTE (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

OTHER MODS

OSD WITHHOLD

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 4/96

DELIVERY-DATE (QTR/FY): 4/96

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ALR-69 (RWR), MN-T8220
MODELS OF AIRCRAFT AFFECTED C-130E/H
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 41115F

DESCRIPTION/JUSTIFICATION: CSAF VALIDATED C-MNS IMPLEMENTED BY SAF/AQO 25/2282 MSG PMD. AIRCREWS FLYING MISSIONS IN SUPPORT OF PROVIDE PROMISE ARE BEING SUBJECTED TO AN INCREASING LEVEL OF ELECTRONIC THREATS WHICH NEED TO BE MODIFIED SO NOT TO IMPACT OUR WORLDWIDE AIRLIFT MISSION PMD 2264(3). INSTALLS ALR-69, RWR, ON 306 C-130 AIRCRAFT. PROVIDES AIRBORNE WARNING OF ALL AAA, INTERCEPTORS, AND SURFACE-AIR THREATS. COMPLETES C-130 FLEET FOR ALL AIRCRAFT ALREADY EQUIPPED WITH AIRLIFT DEFENSIVE SYSTEM.

DEVELOPMENT STATUS: AIRCRAFT: ACTIVE 118; ANG 142: AFRES 106.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RD78E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY94 39 KITS

FY95 21 KITS

FY00 118 KITS

FY01 130 KITS

FY02 58 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 2 MONTHS FOLLOW-ON LEAD TIME -- 3 MONTHS

FACT SHEET: C-130 T8220 ALR-69 (RWR)
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS			118	15.3	188	23.2	365	43.6
KITS NONRECUR							1	2.6
EQUIPMENT			(118)	15.3		23.2		49.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER						5.8		6.7
SUPPORT-EQUIP						5.7		10.3
INSTALLATION OF HARDWARE								
FY94 39 KITS							(39)	1.9
FY95 21 KITS							(21)	6
FY00 118 KITS					(118)	3.7	(118)	3.7
FY01 130 KITS					(130)	4.5	(130)	4.5
FY02 58 KITS					(58)	2.0	(58)	2.0
TOTAL INSTALL COST					306	10.2	366	12.7
TOTAL COST (BP-1100)			118	30.9	188	68.1	366	125.6

MILESTONES:

FY-04

FY-03

FY-02

FY-01

FY-00

FY-95

FY-94

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: C-135					
	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001		
QUANTITY										
COST (In Mil)	\$61.054	\$77.283	\$142.764	\$188.501	\$153.402	\$138.998	\$144.136	\$89.760		

This line item funds modifications to the C-135 and KC-135 aircraft. The C-135 is a four engine aircraft used for long range cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the KC-135 can carry 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

FY 1996 PRE

MODIFICATION TITLE AND NO FUEL SAVINGS ADVISORY SYSTEM (FSAS), MN-10402B CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED KC-135

PE 41218F

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

*** UNCLASSIFIED ***

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION INSTALLS AN ONBOARD COMPUTERIZED SYSTEM DESIGNED TO HELP FLIGHT CREWS CONSERVE FUEL. TO MAKE ROOM FOR THE CONTROL/DISPLAY UNIT (CDU), A MINIA-TURIZED FUEL PANEL (MFP) WILL BE INSTALLED TO REPLACE THE EXISTING FUEL PANEL. INTEGRATION INTERFACE WILL BE ACCOMPLISHED BY USE OF 1553B DATA BUS AND INTERFACE BOX/BUS CONTROLLER. THE COMPUTER IN THE FUEL SAVINGS ADVISORY SYSTEM (FSAS) ALLOWS FLIGHT CONTROL CREW TO ENTER INFO ABOUT THE MISSION AND PROVIDES THEM WITH OPTIMUM POWER SETTINGS NEEDED TO MEET MISSION REQMTS WHILE GETTING THE MOST EFFICIENT FUEL USE. (ACFT BREAKOUT: ANG 150; AFRES 30; ACTIVE 494). 90 MOD INSTALL: FY94 = \$0.6M; FY95 = \$0.9M; FY96 = \$1.3M; FY97 = \$0.7M; FY98 = \$0.6M.

DEVELOPMENT STATUS: COMPLETE. FY92 AND 93 FUNDING COVER AN ENGINEERING CHANGE PROPOSAL (ECP) TO INCORPORATE BLOCK III SOFTWARE UPDATE TO CORRECT DEFICIENCY AND PROVIDE COMPATIBILITY FOR KC-135R AIRCRAFT. OTHERWISE, 90 MOD INSTALL ONLY THROUGH FY98. INSTALLS DIFFER TO PROCUREMENT QTY BY 14 KITS DUE TO FORCE STRUCTURE AND ATTRITS.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	714	73.9								
KITS NONRECUR	1	6.5								
EQUIPMENT										
EQUIP NONREC		5.8								
CHANGE ORDERS		5.4								
DATA										
SIM/TRAINER										
SUPPORT-EQUIP		4.2								
MOD OF SPARES		2.0								
INSTALLATION OF HARDWARE										
FY89 593 KITS	(593)									
FY90 108 KITS	(6)									

TOTAL INSTALL COST	599		(11)	.6	(29)	.9	(32)	1.3	(15)	.7	(15)	.6
				.6	29	.9	32	1.3	15	.7	15	.6
TOTAL COST (BP-1100)	715	97.8		.6		.9		1.3		.7		.6

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 30 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-135 10402B FUEL SAVINGS ADVISORY SYSTEM (FSAS)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					714	73.9		
KITS NONRECUR					1	6.5		
EQUIPMENT								
EQUIP NONREC								5.8
CHANGE ORDERS								5.4
DATA								
SIM/TRAINER								4.2
SUPPORT-EQUIP								2.0
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY89 593 KITS					(593)			4.1
FY90 108 KITS					(108)			
							701	4.1
TOTAL INSTALL COST							715	101.9
TOTAL COST (BP-1100)								

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
QUARTERS	2	3	4	1	2	3	4	1	2	3
INPUT	3	5	6	2	2	3	4	1	2	3
OUTPUT	34	18	6	6	2	1	1	1	1	1
INSTALLATION SCHEDULE:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
QUARTERS	2	3	4	1	2	3	4	1	2	3
INPUT	2	3	4	1	2	3	4	1	2	3
OUTPUT	1	2	3	4	1	2	3	4	1	2
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
QUARTERS	2	3	4	1	2	3	4	1	2	3
INPUT	6	7	12	3	4	4	4	4	4	4
OUTPUT	6	7	12	2	2	2	2	2	2	2

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO STANDARD FLIGHT DATA RECORDER, MN-17403B CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED KC-135

PE 41218F

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION WILL PROVIDE A STANDARD FLIGHT DATA RECORDER (SFDR) BASED ON TRI-SERVICE SPECIFICATION (ARMY-NAVY-AIR FORCE AIRCRAFT). IT IS A DATA COLLECTION SYSTEM DESIGNED TO PROVIDE AIRCRAFT STRUCTURAL ANALYSIS AND OTHER PERTINENT DATA. IT WILL REPLACE THE EXISTING MXU-553 AIRCRAFT STRUCTURAL INTEGRITY PROGRAM (ASIP) RECORDER. (AIRCRAFT BREAKOUT: 9 ANG; 3 AFRES; 50 ACTIVE).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	3	.2								
KITS NONRECUR		1.5								
EQUIPMENT		.3								
EQUIP NONREC		.5								
CHANGE ORDERS										
DATA		2.2								
SIM/TRAINER										
SUPPORT-EQUIP		.5								
TOOLING		.4								
INSTALLATION OF HARDWARE										
FY93 3 KITS	(3)	.1								
FY95 6 KITS					(6)	.2	(14)	.5	(12)	.5
FY96 14 KITS										
FY97 12 KITS										
FY98 9 KITS										
FY99 9 KITS										
FY00 4 KITS										

TOTAL INSTALL COST	3	.1			6	.2	14	.5	12	.5
TOTAL COST (BP-1100)	3	5.7			6	1.4	14	3.0	9	2.2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 15 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-135 17403B STANDARD FLIGHT DATA RECORDER
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	9	.7	4	.3			57	4.2
KITS NONREC								1.5
EQUIPMENT	(9)	1.1	(4)	.5				6.6
EQUIP NONREC								.5
CHANGE ORDERS								2.6
DATA								1.0
SIM/TRAINER								.4
SUPPORT-EQUIP								
TOOLING								
INSTALLATION OF HARDWARE								
FY93 3 KITS							(3)	.1
FY95 6 KITS							(6)	.2
FY96 14 KITS							(14)	.5
FY97 12 KITS							(12)	.5
FY98 9 KITS	(9)	.4	(9)	.4			(9)	.4
FY99 9 KITS							(9)	.4
FY00 4 KITS							(4)	.2
TOTAL INSTALL COST	9	.4	9	.4			57	2.3
TOTAL COST (BP-1100)	9	2.2	4	1.5			57	19.1

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY):	4/93		2/95	1/96	1/97	1/98	1/99	1/00		
DELIVERY-DATE (QTR/FY):	1/95		2/96	1/97	1/98	1/99	1/00	1/01		
INSTALLATION SCHEDULE:										
QUARTERS	2	3	4	1	2	3	4	1	2	3
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO C-135 REENGINE, MN-3009E
MODELS OF AIRCRAFT AFFECTED KC-135
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 41218F

DESCRIPTION/JUSTIFICATION: MODIFIES KC-135E ACFT WITH MORE POWERFUL, FUEL EFFICIENT F108 (CFM-56) ENGINES, ALLOWING TAKEOFF ON SHORTER RUNWAYS WITH HIGHER GROSS WEIGHTS. THE CLEANER, QUIETER F108 ENGINES MEET OR EXCEED ALL NOISE AND POLLUTION STANDARDS. OVER 25 OTHER SYSTEMS/SUB-SYSTEMS, INCLUDING THE LANDING GEAR, WILL EXTEND THE LIFE OF THESE AIRCRAFT INTO THE 21ST CENTURY. AIRCRAFT BREAKOUT: ARC 16.

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A													

PROCUREMENT (3010)													
INSTALL KITS	15	111.1	1	8.3									
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC		2.0											
CHANGE ORDERS													
DATA		4.8		2.8									
SIM/TRAINER													
SUPPORT-EQUIP		3.1											
ENGINES		191.2	(4)	12.9									
MANGMT SUPPT		3.1											
INSTALLATION OF HARDWARE													
FY93 15 KITS	(15)	16.4								(1)	1.5		
FY94 1 KIT										1	1.5		
TOTAL INSTALL COST	15	16.4											
TOTAL COST (BP-1100)	15	331.7	1	24.0									

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-135 3009E C-135 REENGINE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)							16	119.4
INSTALL KITS								
KITS NONRECUR								2.0
EQUIPMENT								7.6
EQUIP NONREC								3.1
CHANGE ORDERS								204.1
DATA								3.1
SIM/TRAINER								
SUPPORT-EQUIP								
ENGINES								
MANGMT SUPPT								
INSTALLATION OF HARDWARE								
FY93 15 KITS					(	f5)		16.4
FY94 1 KIT					(	1)		1.5
TOTAL INSTALL COST							16	17.9
TOTAL COST (BP-1100)							16	357.2

MILESTONES:

CONTRACT-DATE (QTR/FY): 4/93 4/94 4/96
DELIVERY-DATE (QTR/FY): 4/95

INSTALLATION SCHEDULE: FY-96 FY-97
QUARTERS 1 2 3 4
INPUT 3 3 3 3
OUTPUT 1 3 3 3

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED C/KC-135

PE 41218F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) MODIFICATION PROVIDES A
HIGHLY ACCURATE, INTEGRATED NAVIGATION CAPABILITY USING MODULAR, JAM-RESISTANT NONDEVELOPMENTAL
GPS RECEIVER EQUIPMENT AND COMMERCIAL/NDI DUAL MISSION MANAGEMENT SYSTEMS TO IMPROVE MISSION
EFFECTIVENESS. THIS MOD IS A COMPANION MOD WITH THE RADAR REPLACEMENT (MN: KC 4292) AND COMPASS
REPLACEMENT (MN: KC4289) MODS AND IS SCHEDULED FOR CONCURRENT INTEGRATION AND INSTALLATION
TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW REDUCTION.
(AIRCRAFT BREAKOUT: ANG 225; AFRES 62; ACTIVE 315) THIS IS ONE OF THREE MODS COMPRISING PACER
CRAG.

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS				160	3.2	135	2.7
KITS NONRECUR		6	3.3				
EQUIPMENT		(6)	11.7	(160)	30.1	(135)	25.4
EQUIP NONREC							
CHANGE ORDERS							
DATA			3.2	2.2	1.1		.5
SIM/TRAINER					4.3		
SUPPORT-EQUIP			4.6				
IV&V							
INSTALLATION OF HARDWARE				(6)	.3	(160)	8.9
FY95 6 KITS							
FY97 160 KITS							
FY98 135 KITS							
FY99 111 KITS							
FY00 93 KITS							
FY02 97 KITS							

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-135 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

		FY-99		FY-00		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS		111	2.3	93	2.0	97	2.1	596	12.3
KITS NONRECUR								6	3.3
EQUIPMENT		(111)	20.8	(93)	17.6		18.3		112.2
EQUIP NONREC									11.7
CHANGE ORDERS									
DATA							2.4		9.4
SIM/TRAINER									4.3
SUPPORT-EQUIP									4.6
IV&V									
INSTALLATION OF HARDWARE									
FY95 6 KITS								(6)	.3
FY97 160 KITS								(160)	8.9
FY98 135 KITS								(135)	7.6
FY99 111 KITS		(135)	7.6	(111)	6.4			(111)	6.4
FY00 93 KITS						(93)	5.5	(93)	5.5
FY02 97 KITS						(97)	5.9	(97)	5.9
TOTAL INSTALL COST		135	7.6	111	6.4	190	11.4	602	34.6
TOTAL COST (BP-1100)		111	30.7	93	26.0	97	34.2	602	192.4

MILESTONES:

CONTRACT-DATE (QTR/FY): 1/96
DELIVERY-DATE (QTR/FY): 1/97

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 6 6
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 28 28 27 23 23 23 24 24
OUTPUT 28 28 27 23 23 23 24 24

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4
INPUT 25 24 24 24 24 24 24 24
OUTPUT 25 24 24 24 24 24 24 24

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO PACER LINK PH II, MN-3156
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
MODELS OF AIRCRAFT AFFECTED EC-135
PE 11312F

DESCRIPTION/JUSTIFICATION: REPLACES COMPONENTS (UHF RADIOS, MULTIPLEXER, SWITCHBOARD, INTERPHONE) WITH ELECTROMAGNETIC PULSE (EMP) HARDENED COMPONENTS. TO ACCOMMODATE SUPPORTABILITY PROBLEMS WITH THE ARC-89 RADIO, AN EARLY SWAPOUT ON EC-135L AIRCRAFT WAS ACCOMPLISHED. REDUCES CINC'S ABNCE AND SAC'S RELAY AIRCRAFT CONFIGURATIONS FROM 7 TO 2. MODIFICATION COST VARIES BY AIRCRAFT MODEL AND MISSION. INSTALLS AND KIT QTY DIFFER BY 13 KITS DUE TO FORCE STRUCTURE CHANGES.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	32	30.3				
KITS NONRECUR	7	7.3				
EQUIPMENT		73.0				
EQUIP NONREC		47.8				
CHANGE ORDERS		36.4				
DATA		16.4				
SIM/TRAINER		5.6				
SUPPORT-EQUIP		28.5				
ICS		1.8				
INSTALLATION OF HARDWARE						

TOTAL INSTALL COST

TOTAL COST (BP-1100)	39	247.1	1.6
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METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 18 MONTHS FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO HF AUTO COMM PROCESSOR (ACP), MN-3353
CLC C-135 CLASS P

PE 41218F

MODELS OF AIRCRAFT AFFECTED KC-135

DESCRIPTION/JUSTIFICATION: INCORPORATION OF AN AUTOMATIC COMMUNICATIONS PROCESSOR (ACP) IN C/KC-135
AIRCRAFT. THIS PROVIDES COMMAND AND CONTROL COMPATABILITY WITH AMC AND SIGNIFICANTLY ENHANCES
HF CAPABILITIES.

DEVELOPMENT STATUS: GROUP B IS COMMERCIAL OFF-THE-SHELF (COTS) NON-DEVELOPMENT ITEM. GROUP A INTE-
GRATION DESIGN COMPLETION PROJECTED FOR 3/95. KITPROOFS AND TRIAL INSTALLS ON 3 MDS PROJECTED
4/95.

PROJECTED FINANCIAL PLAN

PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-135 3353 HF AUTO COMM PROCESSOR (ACP)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

		FY-99		FY-00		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS		25	.3	35	.4				
KITS NONREC									
EQUIPMENT		(25)	1.2	(35)	1.6				
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
TOTAL INSTALL COST									
TOTAL COST (BP-1100)		25	1.5	35	2.0	30	1.7	550	35.6

MILESTONES:

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	2/95	1/96	1/97	1/98	1/99	1/00	1/01
DELIVERY-DATE (QTR/FY):	4/95	1/97	1/98	1/99	1/00	1/01	1/02

INSTALLATION SCHEDULE:

QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
 MODIFICATION OF AIRCRAFT
 FY 1996 PRE
 MODIFICATION TITLE AND NO GROUND COLLISION AVOIDANCE SYSTEM, MN-3368
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-135 CLASS P
 PE 41218F

MODELS OF AIRCRAFT AFFECTED C/KC-135

DESCRIPTION/JUSTIFICATION: INSTALL SYSTEM THAT ALERTS AIRCREW TO FLIGHT PROFILES THAT PROJECT AN
 IMPACT WITH THE GROUND. (ACFT BREAKOUT: ANG 200; AFRES 100; ACTIVE 303).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. USAF DIRECTED RESTRUCTURE TO ALLOW NDI OR MODIFIED OTS
 ALTERNATIVES: CONTRACT AWARD PROJECTED FOR APR 95.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)												
INSTALL KITS	105	.6					57	.3	108	.8	108	.9
KITS NONREC	3	1.0					(57)	3.0 (108)	5.8 (108)	5.8 (108)		5.8
EQUIPMENT		4.2										
EQUIP NONREC		4.2										
CHANGE ORDERS								1.2				1.2
DATA		2.1						2.2	(20)	.4		1.4
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY93 108 KITS	(108)	1.1							(57)	1.5	(108)	1.7
FY96 57 KITS												
FY97 108 KITS												
FY98 108 KITS												
FY99 108 KITS												
FY00 35 KITS												
FY01 35 KITS												
FY02 44 KITS												

TOTAL INSTALL COST	108	1.1							57	1.5	108	1.7
TOTAL COST (BP-1100)	108	13.2							57	6.7	108	9.6

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
 INITIAL LEAD TIME -- 8 MONTHS
 FOLLOW-ON LEAD TIME -- 8 MONTHS

FACT SHEET: C-135 3368 GROUND COLLISION AVOIDANCE SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

RDT&E (3600) N/A

PROCUREMENT (3010)	108	.9	35	.4	79	.7	600	4.6
INSTALL KITS							3	1.0
KITS NONRECUR						5.2		32.0
EQUIPMENT	(108)	5.8	(35)	2.2				4.2
EQUIP NONREC								1.2
CHANGE ORDERS		.6				.1		6.6
DATA								1.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY93 108 KITS						(	108)	1.1
FY96 57 KITS						(	57)	1.5
FY97 108 KITS						(	108)	1.7
FY98 108 KITS						(	108)	1.7
FY99 108 KITS						(	108)	1.8
FY00 35 KITS	(108)	1.7	(108)	1.8	(	35)	.4	.4
FY01 35 KITS					(	35)	.5	.5
FY02 44 KITS					(	44)	.6	.6
TOTAL INSTALL COST	108	1.7	108	1.8	114	1.5	603	9.3
TOTAL COST (BP-1100)	108	9.0	35	4.4	79	7.5	603	60.3

MILESTONES:					
			FY-00	FY-99	FY-01
			FY-00	FY-99	FY-02

CONTRACT-DATE	(QTR/FY):
DELIVERY-DATE	(QTR/FY):

INSTALLATION SCHEDULE:					
	FY-95	FY-96	FY-97	FY-98	
QUARTERS	1	2	3	4	1
INPUT	3	27	27	27	27
OUTPUT	3	3	27	27	27

INSTALLATION SCHEDULE:	1	27	27
QUARTERS		INPUT	OUTPUT

INSTALLATION SCHEDULE:

1	9	8
QUARTERS	INPUT	OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO RIVET JOINT, MN-4263
MODELS OF AIRCRAFT AFFECTED RC-135
DESCRIPTION/JUSTIFICATION: PROCURES AND INSTALLS VARIOUS CLASSIFIED MODIFICATIONS ON RC-135 AIRCRAFT.

DEVELOPMENT STATUS: CLASSIFIED IN NATURE. DEVELOPMENT STATUS CAN BE PROVIDED UPON REQUEST.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
33.8					

RDT&E (3600) N/A

PROCUREMENT (3010)	33.8				
INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					

27.8

31.1

33.4

TOTAL INSTALL COST

TOTAL COST (BP-1100)	33.8	33.4	31.1	27.8
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METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; C-135 4263 RIVET JOINT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

CLAIMING DATA

SIM/TRAINER

**SIM/ TRAINER
SUPPORT-EQUIP**

SUPPORT EQUIPMENT INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):	DELIVERY-DATE (QTR/FY):
01/2017	01/2017
02/2017	02/2017
03/2017	03/2017
04/2017	04/2017
05/2017	05/2017
06/2017	06/2017
07/2017	07/2017
08/2017	08/2017
09/2017	09/2017
10/2017	10/2017
11/2017	11/2017
12/2017	12/2017
01/2018	01/2018
02/2018	02/2018
03/2018	03/2018
04/2018	04/2018
05/2018	05/2018
06/2018	06/2018
07/2018	07/2018
08/2018	08/2018
09/2018	09/2018
10/2018	10/2018
11/2018	11/2018
12/2018	12/2018
01/2019	01/2019
02/2019	02/2019
03/2019	03/2019
04/2019	04/2019
05/2019	05/2019
06/2019	06/2019
07/2019	07/2019
08/2019	08/2019
09/2019	09/2019
10/2019	10/2019
11/2019	11/2019
12/2019	12/2019
01/2020	01/2020
02/2020	02/2020
03/2020	03/2020
04/2020	04/2020
05/2020	05/2020
06/2020	06/2020
07/2020	07/2020
08/2020	08/2020
09/2020	09/2020
10/2020	10/2020
11/2020	11/2020
12/2020	12/2020
01/2021	01/2021
02/2021	02/2021
03/2021	03/2021
04/2021	04/2021
05/2021	05/2021
06/2021	06/2021
07/2021	07/2021
08/2021	08/2021
09/2021	09/2021
10/2021	10/2021
11/2021	11/2021
12/2021	12/2021
01/2022	01/2022
02/2022	02/2022
03/2022	03/2022
04/2022	04/2022
05/2022	05/2022
06/2022	06/2022
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01/2023	01/2023
02/2023	02/2023
03/2023	03/2023
04/2023	04/2023
05/2023	05/2023
06/2023	06/2023
07/2023	07/2023
08/2023	08/2023
09/2023	09/2023
10/2023	10/2023
11/2023	11/2023
12/2023	12/2023
01/2024	01/2024
02/2024	02/2024
03/2024	03/2024
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06/2024	06/2024
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12/2024	12/2024
01/2025	01/2025
02/2025	02/2025
03/2025	03/2025
04/2025	04/2025
05/2025	05/2025
06/2025	06/2025
07/2025	07/2025
08/2025	08/2025
09/2025	09/2025
10/2025	10/2025
11/2025	11/2025
12/2025	12/2025
01/2026	01/2026
02/2026	02/2026
03/2026	03/2026
04/2026	04/2026
05/2026	05/2026
06/2026	06/2026
07/2026	07/2026
08/2026	08/2026
09/2026	09/2026
10/2026	10/2026
11/2026	11/2026
12/2026	12/2026
01/2027	01/2027
02/2027	02/2027
03/2027	

INSTALLATION SCHEDULE:

QUARTERS

INPUT

INPUT OUTPUT

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

26.5 203.2

26.5 203.2

FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
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*** UNCLASSIFIED ***

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*** UNCLASSIFIED ***

DATE 02/21/95
 MODIFICATION OF AIRCRAFT
 FY 1996 PRE
 MODIFICATION TITLE AND NO HIGH RELIABILITY MAINT FREE BATTERY, MN-KC4218
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-135 CLASS P
 PE 41218F
 MODELS OF AIRCRAFT AFFECTED KC-135
 DESCRIPTION/JUSTIFICATION: THE HIGH RELIABILITY MAINTENANCE FREE BATTERY PROGRAM REDUCES MAINTENANCE
 AND INCREASES RELIABILITY BY INSTALLING TWO SEALED LEAD ACID BATTERIES (SLAB) IN THE PLACE OF
 THE FOUR EXISTING VENTED NICAD BATTERIES. (ACFT: 30 AFRES, 150 ANG, 420 ACTIVE).

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS					100	.7	141	.4	141	.4	141	.4
KITS NONRECUR					5	.1						
EQUIPMENT					(100)	.7	(141)	.7	(141)	.7	(141)	.7
EQUIP NONREC					(5)	.1						
CHANGE ORDERS												
DATA						.2						
SIM/TRAINER						.3						
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY95 105 KITS							(105)	.5	(141)	.8	(141)	.8
FY96 141 KITS												
FY97 141 KITS												
FY98 141 KITS												
FY99 72 KITS												
TOTAL INSTALL COST							105	.5	141	.8	141	.8
TOTAL COST (BP-1100)					105	2.1	141	2.2	141	1.9	141	1.9

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 9 MONTHS
 FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-135 KC4218 HIGH RELIABILITY MAINT FREE BATTERY
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99			FY-00			TO COMP			TOTAL		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDTE (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS	72	.1								595	2.0	
KITS NONREC	(72)	.2								5	.1	
EQUIPMENT											3.0	
EQUIP NONREC											.1	
CHANGE ORDERS											.2	
DATA											.8	
SIM/TRAINER											.3	
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY95 105 KITS										(105)	.5	
FY96 141 KITS										(141)	.8	
FY97 141 KITS										(141)	.8	
FY98 141 KITS										(141)	.8	
FY99 72 KITS	(141)	.8	(72)	.6						(72)	.6	
TOTAL INSTALL COST	141	.8	72	.6						600	3.5	
TOTAL COST (BP-1100)	72	1.1	.8							600	10.0	

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/95
DELIVERY-DATE (QTR/FY): 1/96

	FY-95			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
INSTALLATION SCHEDULE:	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
INPUT	5	30	35	35	36	35	35	35	36	35	35	35	35	35	35	35	35	35
OUTPUT		5	30	35	35	36	35	35	35	36	35	35	35	36	35	35	35	35

	FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
INSTALLATION SCHEDULE:	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
OUTPUT	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO MULTIPOINT REFUELING, MN-KC4231
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED KC-135R

PE 41218F

DESCRIPTION/JUSTIFICATION: INSTALL DROGUE/HOSE REELS ON AIRCRAFT TO PROVIDE MULTIPOINT REFUELING
CAPABILITY TO SUPPORT US NAVY PROBE EQUIPED AIRCRAFT. THIS IS A COMPANION MOD TO THE AERIAL
REFUELING RECEPTACLES PROGRAM. THESE PROGRAMS HAVE FY95 CONGRESSIONAL DIRECTION FOR THE AIR
FORCE TO EXECUTE BOTH PROGRAMS WITHOUT DELAY.

DEVELOPMENT STATUS: R&D SCHEDULED FOR COMPLETION AUG 96. CONTRACT AWARD SCHEDULED FOR SEP 96.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		5.6		15.1		12.8				

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS	1	2.0	4	6.7	4	7.0
KITS NONREC		2.0				
EQUIPMENT	(1)	2.1	(4)	7.0	(4)	7.1
EQUIP NONREC		1.3		1.4		1.6
CHANGE ORDERS		.1		1.5		.1
DATA		.9		.1		.4
SIM/TRAINER		2.8		4.9		3.1
SUPPORT-EQUIP						
MOD OF SPARES						
INSTALLATION OF HARDWARE						
FY96 1 KIT					(1)	1.1
FY97 4 KITS						
FY98 4 KITS						
FY99 4 KITS						
FY00 10 KITS						
FY01 10 KITS						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-135 KC4231 MULTIPPOINT REFUELING
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								33.5
PROCUREMENT (3010)								
INSTALL KITS	4	7.4	10	17.3	10	16.4	33	56.8
KITS NONRECUR								2.0
EQUIPMENT	(4)	7.5	(10)	17.2		16.1		57.0
EQUIP NONREC		1.0		.5		.5		6.3
CHANGE ORDERS		.1		.5		.3		2.6
DATA		.1		.5		.1		2.1
SIM/TRAINER				.3		2.8		6.2
SUPPORT-EQUIP				2.0				9.7
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY96 1 KIT	(4)	4.3	(4)	4.2	(4)		(1)	1.1
FY97 4 KITS					(4)		(4)	4.3
FY98 4 KITS					(4)		(4)	4.2
FY99 4 KITS					(4)	4.2	(4)	4.2
FY00 10 KITS					(10)	10.6	(10)	10.6
FY01 10 KITS					(10)	10.6	(10)	10.6
TOTAL INSTALL COST	4	4.3	4	4.2	24	25.4	33	35.0
TOTAL COST (BP-1100)	4	20.4	10	42.5	10	61.6	33	177.7

MILESTONES:

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY):			4/96	4/97	4/98	2/99	1/00	1/01		
DELIVERY-DATE (QTR/FY):			2/98	2/99	2/00	4/00	3/01	3/02		

INSTALLATION SCHEDULE:

QUARTERS	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
INPUT	2	3	4	1	2	3
OUTPUT	1	1	1	1	1	1

INSTALLATION SCHEDULE:

QUARTERS	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07
INPUT	2	3	4	1	2	3
OUTPUT	2	3	3	3	3	3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO AERIAL REFUELING RECEPTACLES, MN-KC4233
MODELS OF AIRCRAFT AFFECTED KC-135

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

PE 41218F

DESCRIPTION/JUSTIFICATION: INSTALL AERIAL REFUELING RECEPTACLES ON KC-135R AIRCRAFT TO PROVIDE
INFLIGHT REFUELING CAPABILITY. THIS IS A COMPANION MOD TO THE MULTIPOINT REFUELING PROGRAM.
THESE PROGRAMS HAVE FY95 CONGRESSIONAL DIRECTION FOR THE AIR FORCE TO EXECUTE BOTH PROGRAMS
WITHOUT DELAY.

DEVELOPMENT STATUS: R&D SCHEDULED TO BE COMPLETED AUG 96 TO ALLOW SEP 96 CONTRACT AWARD.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

3.1

3.0

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY02 33 KITS

1.4

2.0
2.1
2.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

7.5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 06 MONTHS

FOLLOW-ON LEAD TIME -- 06 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: C-135 KC4233 AERIAL REFUELING RECEPTACLES
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								6.1
PROCUREMENT (3010)								
INSTALL KITS					33	38.2	33	38.2
KITS NONRECUR								1.4
EQUIPMENT						20.6		20.6
EQUIP NONREC								3.0
CHANGE ORDERS								1.9
DATA								.5
SIM/TRAINER						3.5		3.5
SUPPORT-EQUIP								4.0
MOD OF SPARES								2.5
INSTALLATION OF HARDWARE								3.5
FY02 33 KITS					(33)	18.8	(33)	18.8
TOTAL INSTALL COST					33	18.8	33	18.8
TOTAL COST (BP-1100)					33	84.5	33	92.0

MILESTONES:

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY):		1/95								
DELIVERY-DATE (QTR/FY):		2/95								

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO COMPASS REPLACEMENT, MN-KC4289
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED C/KC-135

PE 41218F

DESCRIPTION/JUSTIFICATION: THE CURRENT N1/J4 COMPASS WILL BECOME UNSUPPORTABLE BY CY2000. THIS MOD WILL PROVIDE A REPLACEMENT FOR TWO MISSION CRITICAL SYSTEMS (N1/J4 COMPASS) AND WIRING AND IS A COMPANION MOD WITH THE RADAR REPLACEMENT (MN: KC4292) AND NAVSTAR GPS (MN: 3150). THIS MOD WILL INSTALL A COMPASS SYSTEM REPLACEMENT AND INTEGRATE THE RADAR AND GPS CONCURRENTLY TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW REDUCTION (PACER CRAG). ACFT BREAKOUT: ACTIVE 386; ANG 170; AFRES 46. (THE 602 AIRCRAFT INCLUDE 22 RC/TC-135 ACFT.) THIS IS ONE OF THREE MODS THAT COMPRISE PACER CRAG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A										

PROCUREMENT (3010)

INSTALL KITS							160	2.6	135	2.1
KITS NONREC			6	8.3			(160)	19.5	(135)	16.4
EQUIPMENT			(6)	3.8						
EQUIP NONREC										
CHANGE ORDERS				1.0		2.1		2.2		
DATA								3.8		
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE					(6)	.1			(160)	3.8
FY95 6 KITS										
FY97 160 KITS										
FY98 135 KITS										
FY99 111 KITS										
FY00 93 KITS										
FY02 97 KITS										

TOTAL INSTALL COST

					6	.1			160	3.8
--	--	--	--	--	---	----	--	--	-----	-----

TOTAL COST (BP-1100)

			6	13.1		2.2	160	28.1	135	22.3
--	--	--	---	------	--	-----	-----	------	-----	------

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-135 KC4289 COMPASS REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	111	1.8	93	1.6	97	1.7	596	9.8
KITS NONRECUR							6	8.3
EQUIPMENT	(111)	13.5	(93)	11.3		11.8		72.5
EQUIP NONREC								3.8
CHANGE ORDERS						1.3		6.6
DATA								3.8
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY95 6 KITS	(135)	3.3	(111)	2.7			(6)	.1
FY97 160 KITS							(160)	3.8
FY98 135 KITS							(135)	3.3
FY99 111 KITS							(111)	2.7
FY00 93 KITS					(93)	2.3	(93)	2.3
FY02 97 KITS					(97)	2.5	(97)	2.5
TOTAL INSTALL COST	135	3.3	111	2.7	190	4.8	602	14.7
TOTAL COST (BP-1100)	111	18.6	93	15.6	97	19.6	602	119.5

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ARC 190, MN-KC4291
MODELS OF AIRCRAFT AFFECTED KC-135
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 41218F

DESCRIPTION/JUSTIFICATION: INCORPORATION OF SECOND ARC-190 ON C/KC-135 AIRCRAFT. DUE TO OVERSEA
MISSION REQUIREMENTS, THIS WILL PROVIDE COMMAND AND CONTROL COMPATIBILITY/CAPABILITY WITHIN
AMC.

DEVELOPMENT STATUS: GROUP B IS COMMERCIAL OFF-THE-SHELF (COTS) DEVELOPMENT ITEM. GROUP A INTEGR-
TION DESIGN COMPLETION PROJECTED 3/95. KITPROOFS AND TRIAL INSTALLS ON 3 MDS PROJECTED 4/95.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS				68	1.0	142	2.1	186	2.8
KITS NONREC									20
EQUIPMENT				(68)	.5	(142)	5.8	(186)	7.7
EQUIP NONREC									(20)
CHANGE ORDERS									.8
DATA					.4				
SIM/TRAINER					.1		.2		
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE				(3)	*	(65)	.3	(142)	.6
FY95 68 KITS									(186)
FY96 142 KITS									.7
FY97 186 KITS									
FY98 20 KITS									
FY99 47 KITS									
FY00 57 KITS									
FY01 30 KITS									

TOTAL INSTALL COST 3 65 .3 142 .6 186 .7
TOTAL COST (BP-1100) 68 4.9 142 8.4 186 11.1 20 1.8

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: C-135 KC4291 ARC 190
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD18E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	47	.8	57	.9	30	.5	550	8.4
KITS NONRECUR	(47)	2.3	(57)	2.8		1.2		.5
EQUIPMENT								23.5
EQUIP NONREC								
CHANGE ORDERS								.4
DATA								.3
SIM/TRAINER								.3
SUPPORT-EQUIP								.6
INSTALLATION OF HARDWARE								.7
FY95 68 KITS							(68)	1.4
FY96 142 KITS							(142)	3.2
FY97 186 KITS							(186)	1.7
FY98 20 KITS	(20)	1.4	(47)	3.2			(20)	1.7
FY99 47 KITS							(47)	1.7
FY00 57 KITS							(57)	1.7
FY01 30 KITS							(30)	1.7
TOTAL INSTALL COST	20	1.4	47	3.2	87	3.4	550	9.6
TOTAL COST (BP-1100)	47	3.2	57	3.9	30	2.0	550	35.3

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/95
DELIVERY-DATE (QTR/FY): 4/95

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 MODIFICATION TITLE AND NO RADAR REPLACMT & DISPLAY MODERNIZATION, MN-KC4292 CLC C-135 CLASS P
 MODELS OF AIRCRAFT AFFECTED C/KC/RC/TC-135 PE 41218F

DESCRIPTION/JUSTIFICATION: THIS UPGRADE REPLACES THE C/KC-135 APN-59E/F RADAR WITH AN OFF-THE-SHELF
 COLOR WEATHER RADAR INTEGRATED INTO AN IMPROVED COCKPIT ARCHITECTURE. THIS RADAR WILL UTILIZE
 COLOR MULTIFUNCTION DISPLAYS FOR RADAR INFORMATION. THIS MOD IS A COMPANION WITH THE COMPASS
 REPLACEMENT (MN: KC4289) AND NAVSTAR GPS (MN: 3150) MODS AND IS SCHEDULED FOR CONCURRENT
 INSTALLATION TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW
 REDUCTION (PACER CRAG). AIRCRAFT BREAKOUT: ACTIVE 315; ANG 225; AFRES 62. (THE 602 AIRCRAFT
 INCLUDE 22 RC/TC-135 AIRCRAFT). THIS MOD IS ONE OF THREE COMPRISING PACER CRAG.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN				FY-94		FY-95		FY-96		FY-97		FY-98	
PRIOR				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A													
PROCUREMENT (3010)													
INSTALL KITS								214	3.9	49	1.0	81	1.5
KITS NONREC				6		.1		(214)	49.7	(49)	11.1	(81)	18.2
EQUIPMENT				(6)	5.0								
EQUIP NONREC													
CHANGE ORDERS						.3		1.6			1.0		.4
DATA									4.6				
SIM/TRAINER													
SUPPORT-EQUIP													
OGC													
INSTALLATION OF HARDWARE													
FY95 6 KITS								(6)		.1		(54)	2.8
FY96 214 KITS								(160)	3.9			(49)	2.5
FY97 49 KITS													
FY98 81 KITS													
FY99 88 KITS													
FY00 67 KITS													
FY02 97 KITS													
TOTAL INSTALL COST								166	4.0	103			5.3
TOTAL COST (BP-1100)				6	5.4	214	55.2	49	21.7	81	25.4		

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM FOLLOW-ON LEAD TIME -- 12 MONTHS
 INITIAL LEAD TIME -- 12 MONTHS

FACT SHEET: C-135 KC4292 RADAR REPLACMT & DISPLAY MODERNIZATION
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

		FY-99		FY-00		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS	88	1.7	67	1.3		97	1.8	596	11.2
KITS NONRECUR								6	.1
EQUIPMENT	(88)	20.0	(67)	15.2			22.1		136.3
EQUIP NONREC									5.0
CHANGE ORDERS									
DATA							2.1		5.4
SIM/TRAINER									4.6
SUPPORT-EQUIP									
OGC									
INSTALLATION OF HARDWARE									
FY95 6 KITS								(6)	.1
FY96 214 KITS								(214)	6.7
FY97 49 KITS								(49)	2.5
FY98 81 KITS								(81)	4.6
FY99 88 KITS	(81)	4.6	(88)	3.8				(88)	3.8
FY00 67 KITS								(67)	3.3
FY02 97 KITS								(97)	3.5
TOTAL INSTALL COST	81	4.6	88	3.8		164	6.8	602	24.5
TOTAL COST (BP-1100)	88	26.3	67	20.3		97	32.8	602	187.1

MILESTONES:

		FY-95		FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
CONTRACT-DATE (QTR/FY):																			
DELIVERY-DATE (QTR/FY):																			
INSTALLATION SCHEDULE:																			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT					46	40	40	40	40	40	40	23	20	20	20	21	20	20	21
OUTPUT					46	40	40	40	40	40	23	20	20	20	20	21	20	20	21
INSTALLATION SCHEDULE:																			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT	22	22	22	22	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16
OUTPUT	22	22	22	22	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16
INSTALLATION SCHEDULE:																			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT	24	24	24	25	24	24	24	25	24	24	24	25	24	24	24	25	24	24	25
OUTPUT	24	24	24	25	24	24	24	25	24	24	24	25	24	24	24	25	24	24	25

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO KC-135 AVIONICS RELOCATION, MN-KC4308
MODELS OF AIRCRAFT AFFECTED KC-135
DESCRIPTION/JUSTIFICATION: ACCOMPLISH NECESSARY MODIFICATIONS TO AIRCRAFT TO ALLOW OPERATION WITH TWO PILOTS AND MEET ICAD REQUIREMENTS FOR OVERWATER FLIGHT. MOVES INS CONTROL, TRANSPONDER, AND RADAR CONTROLS FROM NAVIGATOR STATION TO PILOTS STATION. THIS MOD IS THE FIRST STEP OF THE LARGER APPROVED PROGRAM CALLED PACER CRAIG. THIS PROGRAM ALLOWS AMC KC-135'S TO MEET OPERATIONAL NAVIGATION REQUIREMENTS UNTIL THE FULL PACER CRAIG PROGRAM CAN BE COMPLETED.

DEVELOPMENT STATUS: AIRCRAFT: 214 ACTIVE.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600) N/A												

PROCUREMENT (3010)
INSTALL KITS 6 .4 208 3.3
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100) 6 .4 208 5.3
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-135 KC4308 KC-135 AVIONICS RELOCATION
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-99		FY-00		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS								214	3.7
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									.3
CHANGE ORDERS									1.7
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
TOTAL INSTALL COST									
TOTAL COST (BP-1100)								214	5.7

MILESTONES:

	FY-93	FY-95
	----	----
CONTRACT-DATE (QTR/FY):	1/95	1/95
DELIVERY-DATE (QTR/FY):	2/95	2/95

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION										DATE
(EXHIBIT P-40)										FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: E-3								
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY										
COST (In Mil)		\$4.627	\$136.604	\$230.439	\$270.275	\$92.406	\$79.329	\$ 81.097	\$82.900	

This line item funds modifications to the E-3 aircraft. The four engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The overall goal of the modifications budgeted in FY96 is to upgrade the mission systems. The specific modifications budgeted and programmed are attached.

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO
 MODELS OF AIRCRAFT AFFECTED E-3

MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM

REPLACE MAG TAPE TRANSPORT-HARD DISK SYS, MN-17600B CLC E-3 CLASS P

PE 27417F

DESCRIPTION/JUSTIFICATION: MODIFICATION REPLACES UNRELIABLE MAGNETIC TAPE TRANSPORT (MTT) WITH A DISK DRIVE SYSTEM TO PROVIDE AN EFFICIENT, RELIABLE, MAINTAINABLE SYSTEM FOR LOADING DATA INTO AND RECORDING FROM THE MISSION COMPUTER. THE E-3 USES A MIXED BRAND MTT (AMPEX AND MILTAPE) 3 IN EACH AIRCRAFT. NONE OF THE PRESENT TAPE DRIVES MEET SPECIFIED MTBF. PAST YEAR AVERAGE MTBF FOR BOTH SYSTEMS RUNS 289 HOURS. MAINTENANCE MANHOURS ARE 7365 WITH THE HARD FAILURES TOTALING 2034 HOURS. ADDITIONALLY, UPLOAD COMPATIBILITY BETWEEN THE SUPPORT SYSTEM AND THE TAPE TRANSPORTS HAS BEEN A CONTINUAL PROBLEM.

DEVELOPMENT STATUS: INITIAL DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN											
PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD1&E (3600) N/A

PROCUREMENT (3010)										
INSTALL KITS		.5								
KITS NONRECUR										
EQUIPMENT		7.3								
EQUIP NONREC										
CHANGE ORDERS		1.6								
DATA		4.1								
SIM/TRAINER		2.7								
SUPPORT-EQUIP		2.2								
ICS				.1						.5
DEPOT										2.0

INSTALLATION OF HARDWARE

TOTAL INSTALL COST										
TOTAL COST (BP-1100)	18.4	.1								2.5
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE										
INITIAL LEAD TIME -- 12 MONTHS										
FOLLOW-ON LEAD TIME -- 12 MONTHS										

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: E-3 17600B REPLACE MAG TAPE TRANSPORT-HARD DISK SYS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								.5
KITS NONRECUR								7.3
EQUIPMENT								1.6
EQUIP NONREC								4.1
CHANGE ORDERS								2.7
DATA								2.2
SIM/TRAINER								.6
SUPPORT-EQUIP								2.0
ICS								
DEPOT								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								21.0
TOTAL COST (BP-1100)								

MILESTONES:

FY-88	FY-92	FY-93	FY-94	FY-95	FY-96
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CONTRACT-DATE (QTR/FY): 4/89
DELIVERY-DATE (QTR/FY): 4/90

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO QUERTY KEYBOARDS, MN-20001X
MODIFICATION OF AIRCRAFT AFFECTED E-3
PE 27417F
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

DESCRIPTION/JUSTIFICATION: THE KEYBOARD IS USED BY THE OPERATORS OF THE SITUATION DISPLAY CONSOLES TO COMPOSE AND EDIT TABULAR DATA. THE ADCP PROVIDES ALARM INDICATIONS AND RESET FUNCTIONS CURRENT KEYBOARD USES NON STANDARD LAYOUT AND REQUIRES EXCESSIVE FORCE TO OPERATE. CURRENT ADCP HAS A HIGH FAILURE RATE. SOURCES FOR BOTH ARE DIMINISHING. PURCHASED FROM NAVY ON MIPR # FY762095 AW025.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD1&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100) 8 2.1 26 7.1
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 00 MONTHS
FOLLOW-ON LEAD TIME -- 00 MONTHS

FACT SHEET: E-3 20001X QUERTY KEYBOARDS
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
AIRCRAFT								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST								
TOTAL COST (BP-1100)								

MILESTONES:

	FY-92	FY-95
CONTRACT-DATE (QTR/FY):	3/94	1/95
DELIVERY-DATE (QTR/FY):	1/96	2/96

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED E-3
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 27417F

DESCRIPTION/JUSTIFICATION: NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM HAS THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST ACCURATE DATA WHICH USER EQUIPMENT RECEIVES, COMPUTES PLATFORM POSITION AND VELOCITY, THEN PROVIDES STEERING VECTORS TO TARGET LOCATIONS OR NAVIGATION WAYPOINTS. INTEGRATION OF GPS USER EQUIPMENT INTO THE E-3 WILL BE TO THE MAXIMUM EXTENT POSSIBLE WITH RELEVANT SYSTEMS (NAVIGATION, HAVE QUICK AND JTIDS). THIS EFFORT IS PART OF THE E-3 BLOCK 30/35 MODIFICATION.

DEVELOPMENT STATUS: SATELLITES AND CONTROL SEGMENTS ARE CURRENTLY IN PRODUCTION/DEPLOYMENT. THE DOD INTERSERVICE GP B CONTRACT CANNOT BE AWARDED UNTIL ALL FUNDS FROM ALL SERVICES ARE RECEIVED; THEREFORE, 2ND QTR AWARD IS PROGRAMMED TO ALLOW SUFFICIENT TIME FOR THE ADMINISTRATIVE DETAILS.

PROJECTED FINANCIAL PLAN	PRIOR	FY-94		FY-95		FY-96		FY-97		FY-98	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)											
INSTALL KITS	3	.7		9	.9	9	3.9	11	4.0		
KITS NONRECUR											
EQUIPMENT		.2		(9)	1.4	(9)	6.4	(9)	6.7		
EQUIP NONREC											
CHANGE ORDERS									5.0	2.0	
DATA		.1							1.0	.1	
SIM/TRAINER									2.8		
SUPPORT-EQUIP											
WARRANTY											
INSTALLATION OF HARDWARE											
FY93 3 KITS	(3)	.1						(9)	.4	(9)	.4
FY95 9 KITS											
FY96 9 KITS											
FY97 11 KITS											
TOTAL INSTALL COST	3	.1						9	.4	9	.4
TOTAL COST (BP-1100)	3	1.1		9	2.3	9	19.1	11	13.2		.4
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM											
INITIAL LEAD TIME -- 26 MONTHS											
FOLLOW-ON LEAD TIME -- 26 MONTHS											

FACT SHEET: E-3 3150 NAVSTAR GPS
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							32	9.5
KITS NONRECUR								
EQUIPMENT								14.7
EQUIP NONREC								7.0
CHANGE ORDERS								1.3
DATA								2.9
SIM/TRAINER								
SUPPORT-EQUIP								
WARRANTY								
INSTALLATION OF HARDWARE								
FY93 3 KITS					(	3)		.1
FY95 9 KITS					(	9)		.4
FY96 9 KITS					(	9)		.4
FY97 11 KITS	(11)	.5			(	11)		.5
TOTAL INSTALL COST	11	.5					32	1.4
TOTAL COST (BP-1100)		.5		.2			32	36.8

MILESTONES:

CONTRACT-DATE (QTR/FY): 1/94 2/95 1/96 1/97 1/98 1/99

DELIVERY-DATE (QTR/FY): 2/96 2/97 2/98 2/99

INSTALLATION SCHEDULE:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
QUARTERS	1	2	3	4	1	2	3	4
INPUT	1	1	1	1	2	3	3	3
OUTPUT	1	1	1	1	3	2	3	3

INSTALLATION SCHEDULE:	FY-00	FY-01	FY-02	FY-03	FY-04
QUARTERS	1	2	3	4	1
INPUT	1	2	3	4	1
OUTPUT	2	2	3	4	1

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HAVE QUICK A-NET, MN-3246
MODELS OF AIRCRAFT AFFECTED E-3B/C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 27417F

DESCRIPTION/JUSTIFICATION: REPLACES FOUR AN/ARC-171 UHF RADIOS WITH A TOTAL OF FOUR
HAVE QUICK A-NET UHF RADIOS. MODIFICATION IS REQUIRED TO ENHANCE UHF COMMUNICATIONS
EFFECTIVENESS IN AN ELECTRONIC COUNTERMEASURES (ECM) ENVIRONMENT.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT

RDTE (3600) 1.0

PROCUREMENT (3010)
INSTALL KITS 33 18.1
KITS NONRECUR 1 1.6
EQUIPMENT 104.3
EQUIP NONREC 3.7
CHANGE ORDERS 1.2
DATA 5.1
SIM/TRAINER 4.2
SUPPORT-EQUIP 2.5
ICS 2.5
INSTALLATION OF HARDWARE
FY90 20 KITS (20)
FY91 5 KITS (5)
FY92 9 KITS (9)
TOTAL INSTALL COST 34 2.6
TOTAL COST (BP-1100) 34 143.3 2.5 1.9

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS FOLLOW-ON LEAD TIME -- 21 MONTHS

FACT SHEET: E-3 3246 HAVE QUICK A-NET
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)								1.0
PROCUREMENT (3010)								
INSTALL KITS					33	18.1		
KITS NONRECUR					1	1.6		
EQUIPMENT						104.3		
EQUIP NONREC						3.7		
CHANGE ORDERS						3.1		
DATA						5.1		
SIM/TRAINER						4.2		
SUPPORT-EQUIP						5.0		
ICS								
INSTALLATION OF HARDWARE								
FY90 20 KITS					(20)			
FY91 5 KITS					(5)	1.8		
FY92 9 KITS					(9)	.8		
TOTAL INSTALL COST					34	2.6		
TOTAL COST (BP-1100)					34	147.7		

MILESTONES:

	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	2/89	2/89	2/89	1/91	4/91	2/92			
DELIVERY-DATE (QTR/FY):	2/90	2/91	4/91	3/92	2/93	1/94			
INSTALLATION SCHEDULE:									
QUARTERS	2	4	3	4	3	4	3	4	
INPUT	1	1	1	2	2	2	2	2	
OUTPUT				1	5	1	3	3	
INSTALLATION SCHEDULE:									
QUARTERS	2	4	3	4	3	4	3	4	
INPUT	1	1	1	2	2	2	2	2	
OUTPUT	3	2	2	3	5	1	3	3	

*** UNCLASSIFIED ***

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO ELECTRONIC SUPPORT MEASURES (ESM), MN-3371
 MODELS OF AIRCRAFT AFFECTED E-3B/C
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC E-3 CLASS P
 PE 27417F

DESCRIPTION/JUSTIFICATION: THE ELECTRONIC SUPPORT MEASURES (ESM) SYSTEM WILL ALLOW THE E-3 TO PASSIVELY DETECT, LOCATE, AND IDENTIFY AIRBORNE, SHIPBORNE, AND GROUND BASED EMITTERS. ESM WILL ALSO PROVIDE THREAT WARNING CAPABILITY. DATA FROM THE ESM SYSTEM WILL BE PRESENTED AT EXISTING E-3 SITUATION DISPLAY CONSOLE DISPLAYS. ESM IS PART OF THE E-3 BLOCK 30/35 MODIFICATION. THE DEVELOPMENT CONTRACT INCLUDES THE KIT PRODUCTIONS OPTIONS IAW THE ESM US/ NATO MEMORANDUM OF UNDERSTANDING, DATED 17 NOV 86. 3600 PROCURES 1 TRIAL INSTALL KIT IN FY92.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN IN MAY 87; BEGAN CRITICAL DESIGN REVIEW IN JUN 88; AND INTEGRATED OPERATIONAL TEST AND EVALUATION JAN 93. COMPLETE SEP 91. CCB SEP 91. THIS IS A NATO COOPERATIVE RESEARCH AND DEVELOPMENT PROGRAM. 3600 FUNDING IS TOTAL FOR BLOCK 30/35 INTEGRATION. FY93 RDT&E INCLUDES PRIOR YEAR FUNDING DUE TO SPACE CONSTRAINTS.

PROJECTED FINANCIAL PLAN														
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
RDT&E (3600)		38.4		37.6		12.9		3.0		1.4		3.3		
PROCUREMENT (3010)														
INSTALL KITS	3	11.4			9	15.8	9	15.6	11	16.7		.3		
KITS NONREC												.6		
EQUIPMENT		10.0			(9)	34.8	(9)	36.9	(11)	50.9				
EQUIP NONREC														
CHANGE ORDERS						4.1		9.9		29.1		.1		
DATA		1.5				.1		.1		.6		.2		
SIM/TRAINER								3.2		5.1				
SUPPORT-EQUIP		9.5				12.9		9.5						
ICS						.7		1.0		1.6				
REFURB						1.1								
TRAINING		1.1						.9						
WARRANTY		2.3				2.6		.3		1.1				
INSTALLATION OF HARDWARE														
(	3)	3.3							(9)	10.2	(9)	10.0	
FY93 3 KITS														
FY95 9 KITS														
FY96 9 KITS														
FY97 11 KITS														
TOTAL INSTALL COST	3	3.3							9	10.2	9	10.0		
TOTAL COST (BP-1100)	3	39.1			9	72.1	9	77.4	11	115.3		11.2		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 25 MONTHS
 FOLLOW-ON LEAD TIME -- 25 MONTHS

FACT SHEET: E-3 3371 ELECTRONIC SUPPORT MEASURES (ESM)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		3.3						99.9
PROCUREMENT (3010)							32	60.0
INSTALL KITS		.2						1.1
KITS NONRECUR		.5						132.6
EQUIPMENT								
EQUIP NONREC		.1						43.3
CHANGE ORDERS		.3		1.0				3.8
DATA								8.3
SIM/TRAINER								31.9
SUPPORT-EQUIP								3.3
ICS								1.1
REFURB								2.0
TRAINING								6.3
WARRANTY								
INSTALLATION OF HARDWARE							(3)	3.3
FY93 3 KITS							(9)	10.2
FY95 9 KITS							(9)	10.0
FY96 9 KITS							(11)	11.2
FY97 11 KITS	(11)	11.2						
TOTAL INSTALL COST	11	11.2					32	34.7
TOTAL COST (BP-1100)		12.3		1.0			32	328.4

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
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CONTRACT-DATE (QTR/FY): 1/94
 DELIVERY-DATE (QTR/FY): 2/96

INSTALLATION SCHEDULE:
 QUARTERS 1 2 3 4
 INPUT 1 2 3 4
 OUTPUT 1 2 3 4

INSTALLATION SCHEDULE:
 QUARTERS 1 2 3 4
 INPUT 1 2 3 4
 OUTPUT 1 2 3 4

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO JTIDS TADIL J, MN-3401
MODELS OF AIRCRAFT AFFECTED E-3B/C
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 27417F

DESCRIPTION/JUSTIFICATION: CONVERTS E-3 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) FROM INTERIM JOINT MESSAGE STANDARD (IJMS) TO TACTICAL DIGITAL INFORMATION LINK J (TADIL J). THE NEW DOD MESSAGE STANDARD. REPLACES CLASS 1 JTIDS WITH CLASS 2H JTIDS TERMINALS. THIS MODIFICATION IS PART OF THE E-3 BLOCK 30/35 MODIFICATION. 3600 PROCURES 1 TRIAL INSTALL IN FY92.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN MAY 87 AS PART OF BLOCK 30/35 FSD CONTRACT. CRITICAL DESIGN REVIEW NOV 88. CCB SEP 91. TESTING TO COMPLETE DEC 91. 3600 FUNDING FOR THIS PROGRAM IS PART OF THE TOTAL BLOCK 30/35 PROGRAM AND IS DEPICTED ON ESM, MOD NO. 3371.

PROJECTED FINANCIAL PLAN			FY-94		FY-95		FY-96		FY-97		FY-98	
	PRIOR		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS	3	2.2			9	3.1	9	3.0	11	3.2		
KITS NONRECUR					(9)	18.5	(9)	18.8	(11)	18.9		
EQUIPMENT		2.6										
EQUIP NONREC												
CHANGE ORDERS		.3				.3		.3		.3		
DATA								.1		5.2		
SIM/TRAINER								.1				
SUPPORT-EQUIP		.2				.2		.2		.2		
ICS						.2		.2		.3		
GFE		.2										
WARRANTY												
INSTALLATION OF HARDWARE												
FY93 3 KITS	(3)	.9							(9)	2.7	(9)	2.7
FY95 9 KITS												
FY96 9 KITS												
FY97 11 KITS												
TOTAL INSTALL COST	3	.9							9	2.7	9	2.7
TOTAL COST (BP-1100)	3	6.4			9	22.3	9	22.7	11	30.8		3.1
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 25 MONTHS												
FOLLOW-ON LEAD TIME -- 25 MONTHS												

(CONTINUED)

*** UNCLASSIFIED ***

FACT SHEET: E-3 3401 JTIDS TADIL J
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A							32	11.5
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR		.2						59.2
EQUIPMENT								
EQUIP NONREC		.1						1.6
CHANGE ORDERS								5.5
DATA								.1
SIM/TRAINER								.2
SUPPORT-EQUIP								.6
ICS								.9
GFE								
WARRANTY								
INSTALLATION OF HARDWARE								
FY93 3 KITS							(3)	.9
FY95 9 KITS							(9)	2.7
FY96 9 KITS							(9)	2.7
FY97 11 KITS	(11)	2.9					(11)	2.9
TOTAL INSTALL COST	11	2.9					32	9.2
TOTAL COST (BP-1100)		3.2					32	88.8

MILESTONES:

CONTRACT-DATE (QTR/FY):	1/94	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
DELIVERY-DATE (QTR/FY):	2/96			2/95 2/97	1/96 1/98	1/97 1/99	1/98 1/00		

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00
QUARTERS	2	3	4	1	4
INPUT	1	1	1	2	3
OUTPUT	1	1	1	3	2

INSTALLATION SCHEDULE:	FY-00	FY-99	FY-98	FY-97	FY-96	FY-95	FY-94	FY-93
QUARTERS	1	2	3	4	1	3	4	3
INPUT	1	1	1	2	3	3	1	1
OUTPUT	2	3	3	3	3	3	1	1

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO DATA ANALYSIS PROGRAMMING GROUP (DAPG) , MN-3402 CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED E-3

PE 27417F

DESCRIPTION/JUSTIFICATION: UPGRADES THE CC-2 MAIN MEMORY AND BULK MEMORY OF THE E-3 BLOCK 20/25 DAPG CONFIGURATION. THE DAPG UPGRADE PROVIDES AN INCREASE TO THE MAIN AND BULK MEMORY STORAGE CAPACITY. THE PRESENT CC-2 MEMORY CONFIGURATION IS UNABLE TO SUPPORT ESM REQUIREMENTS AND THE ADDITION OF JTIDS TADIL-J MESSAGE STANDARD. THIS MODIFICATION IS PART OF THE E-3 BLOCK 30/35 UPGRADE.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN MAY 87 AS PART OF BLOCK 30/35 FSD CONTRACT. CRITICAL DESIGN REVIEW COMPLETED IN MAY 88. FLIGHT TEST SCHEDULED FOR JUN-AUG 91. 3600 PRO-CURES 1 TRIAL INSTALL IN FY92. 3600 FUNDING FOR THIS PROGRAM IS PART OF THE TOTAL BLOCK 30/35 EFFORT AND IS DEPICTED ON ESM, MOD NO. 3371.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	3	.1	9	.1	11	.1		
KITS NONRECUR								
EQUIPMENT		10.6	(9)	22.4	(9)	22.7	(11)	27.0
EQUIP NONREC		1.3		2.3		.6		.6
CHANGE ORDERS						.1		.1
DATA		.1		.1		.1		.1
SIM/TRAINER								15.8
SUPPORT-EQUIP								
ICS		.1		*		*		*
GFE		10.2		.1				

INSTALLATION OF HARDWARE

FY93 3 KITS	(3)	1.4				(9)	4.3	(9)	4.2
FY95 9 KITS									
FY96 9 KITS									
FY97 11 KITS									

TOTAL INSTALL COST

3	1.4					9	4.3	9	4.2
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TOTAL COST (BP-1100)

3	23.8	9	25.0	9	23.7	11	47.9		4.6
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METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

FACT SHEET: E-3 3402 DATA ANALYSIS PROGRAMMING GROUP (DAPG)
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					32			.4
KITS NONRECUR								83.4
EQUIPMENT								4.8
EQUIP NONREC		.3						.1
CHANGE ORDERS								.9
DATA								15.9
SIM/TRAINER								.1
SUPPORT-EQUIP								10.3
ICS								
GFE								
INSTALLATION OF HARDWARE								
FY93 3 KITS					(3)			1.4
FY95 9 KITS					(9)			4.3
FY96 9 KITS					(9)			4.2
FY97 11 KITS	(11)	4.8			(11)			4.8
TOTAL INSTALL COST	11	4.8					32	14.7
TOTAL COST (BP-1100)		5.1		.5			32	130.6

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
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CONTRACT-DATE (QTR/FY): 1/94
 DELIVERY-DATE (QTR/FY): 2/96

INSTALLATION SCHEDULE:
 QUARTERS 1 2 3 4
 INPUT 1 1 1 1
 OUTPUT 1 1 1 1

INSTALLATION SCHEDULE:
 QUARTERS 1 2 3 4
 INPUT 1 2
 OUTPUT 2

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

MODIFICATION TITLE AND NO EXTEND SENTRY, MN-50001X
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED E-3

PE 27417F

DESCRIPTION/JUSTIFICATION: SEVERAL IMPROVEMENTS MUST BE MADE INTO THE MISSION EQUIPMENT AND AIRCRAFT SYSTEMS TO KEEP THE AIRCRAFT FLYING. THESE IMPROVEMENTS ARE REQUIRED TO SUSTAIN THE AIRCRAFT. EFFORTS INCLUDE GUIDANCE, COMMUNICATIONS, RADAR SYSTEMS, CORROSION CONTROL, FLUIDS & PNEUMATICS, INTRASTRUCTURE, AND COMPUTER DISPLAYS.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR			34	9.4	34
EQUIPMENT					1.0
EQUIP NONREC			(34)	23.5	(34)
CHANGE ORDERS					6.3
DATA					(34)
SIM/TRAINER					3.5
SUPPORT-EQUIP					

INSTALLATION OF HARDWARE

FY96 34 KITS					
FY97 34 KITS			(34)	3.0	(34)
FY98 34 KITS					1.2
FY99 34 KITS					(34)
FY00 34 KITS					.6
FY01 34 KITS					

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 03 MONTHS
FOLLOW-ON LEAD TIME -- 03 MONTHS

FACT SHEET: E-3 50001X EXTEND SENTRY
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	34	1.4	34	1.2	34	1.3	204	15.7
KITS NONRECUR								
EQUIPMENT	(34)	3.5	(34)	3.6		3.3		43.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
AIRCRAFT								
INSTALLATION OF HARDWARE								
FY96 34 KITS					(		( 34)	3.0
FY97 34 KITS					(		( 34)	1.2
FY98 34 KITS					(		( 34)	.6
FY99 34 KITS					(		( 34)	.5
FY00 34 KITS					(		( 34)	.5
FY01 34 KITS					(		( 34)	.5
					(34)	.5		
TOTAL INSTALL COST	34	.5	34	.5	34	.5	204	6.3
TOTAL COST (BP-1100)	34	5.4	34	5.3	34	5.1	204	65.7

MILESTONES:

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY):	1/96	1/97	1/98	1/99	1/00	1/01
DELIVERY-DATE (QTR/FY):	1/96	1/97	1/98	1/99	1/00	1/01

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-99
QUARTERS	1	2	3	4	1	2	3
INPUT	8	8	8	8	8	8	8
OUTPUT	8	8	8	8	8	8	8

INSTALLATION SCHEDULE:	FY-00	FY-01	FY-01	FY-01	FY-01	FY-01	FY-01
QUARTERS	1	2	3	4	1	2	3
INPUT	8	8	8	8	8	8	8
OUTPUT	8	8	8	8	8	8	8

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO RADAR SYSTEM IMPROVEMENT PROGRAM, MN-7266
 MODELS OF AIRCRAFT AFFECTED E-3B/C
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC E-3 CLASS P
 PE 27417F

DESCRIPTION/JUSTIFICATION: FUNDS CONCURRENT ACQUISITION AND RETROFIT OF THE RADAR SYSTEM
 IMPROVEMENT PROGRAM (RSIP) TO ENHANCE RADAR DETECTION, ECCM, AND IMPROVE AND EXPAND RADAR
 MAINTENANCE CAPABILITIES. RSIP WILL IMPROVE R8M AND PROVIDE ADDITIONAL COMPUTING CAPACITY
 NEEDED FOR FUTURE RADAR IMPROVEMENTS.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT CONTRACT AWARD SEP 89. HARDWARE CDR JAN 91, SOFTWARE CDR
 JUL 91. NOTE: INSTALLATION QUANTITY TO PROCUREMENT QUANTITY DIFFER BECAUSE OF SPACE
 AVAILABLE TO SHOW INSTALLS IN FY03 (7 KITS) AND FY04 (7 KITS). LRIP MILESTONE NOV 95. IOT&E AND
 FCAPCA TO COMPLETE DEC 95.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	15.4		36.5		35.7		27.3					
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					2	1.5	2	1.4	4	2.5		
KITS NONRECUR					(1)	20.6	(2)	22.7	(4)	36.8		
EQUIPMENT					(1)	6.0		4.5		1.8		
EQUIP NONREC						1.0		1.6		17.1		
CHANGE ORDERS						2.2						
DATA						2.8						
SIM/TRAINER						3.2						
SUPPORT-EQUIP						9.4		20.0		3.4		
AISF						2.9		3.0		1.5		
COMMODITY MOD										1.8		
ICS												
OGC									(2)	2.0		
INSTALLATION OF HARDWARE												
FY96 2 KITS												
FY97 2 KITS												
FY98 4 KITS												
FY99 5 KITS												
FY00 8 KITS												
FY01 7 KITS												
FY02 6 KITS												
TOTAL INSTALL COST												
									2	2.0		
TOTAL COST (BP-1100)												
					2	49.6	2	53.2	4	66.9		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 24 MONTHS
 FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: E-3 7266 RADAR SYSTEM IMPROVEMENT PROGRAM
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

							114.9

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	5	3.1	8	5.1	13	9.3	34	22.9
KITS NONRECUR	(5)	44.5	(8)	65.9		129.0		319.5
EQUIPMENT								6.0
EQUIP NONREC		1.5		1.5				5.5
CHANGE ORDERS								8.6
DATA								19.9
SIM/TRAINER								3.2
SUPPORT-EQUIP		2.0		.1				34.9
AISF								7.4
COMMODITY MOD								1.8
ICS								

OGC
INSTALLATION OF HARDWARE

FY96 2 KITS	(2)	.6	(4)	1.2				
FY97 2 KITS								2.0
FY98 4 KITS								.6
FY99 5 KITS								1.2
FY00 8 KITS								1.5
FY01 7 KITS								2.5
FY02 6 KITS								

TOTAL INSTALL COST	2	.6	4	1.2	13	4.0	21	7.8

TOTAL COST (BP-1100)	5	51.7	8	73.8	13	142.3	34	437.5

MILESTONES:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY):				3/96	1/97	1/98	1/99	1/00	1/01	1/02
DELIVERY-DATE (QTR/FY):				3/98	1/99	1/00	1/01	1/02	1/03	1/04

INSTALLATION SCHEDULE:

	FY-98	FY-99	FY-00	FY-01	FY-02
QUARTERS	2	3	4	1	3
INPUT	1	1	1	2	1
OUTPUT				1	1

INSTALLATION SCHEDULE:

	FY-02	FY-03	FY-04
QUARTERS	2	2	3
INPUT	2	2	2
OUTPUT	1	2	3

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: E-4					
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$10.400	\$34.983	\$.957	\$1.634	\$13.481	\$6.635	\$8.159	\$4.215		

This line item funds modifications to the E-4B aircraft. The four engine E-4 is a modified Boeing 747-200 airframe used in support of the mission of the National Emergency Airborne Command Post (NEACP). NEACP provides the National Command Authority with a survivable airborne command and control platform and gives the President ready access to the National Military Command System. The overall goal of the modifications budgeted in FY96 is to increase capability through installation of the NAVSTAR Global Positioning System. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
MODELS OF AIRCRAFT AFFECTED E-4B
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P
PE 32015F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES AND A CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES.

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RD18E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY94 2 KITS

FY95 1 KIT

FY96 1 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: E-4 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT
3	1.9	1	2.6	4	4.5
1	.8		4.0	1	4.8
	1.4				

FY-99		FY-00	
QTY	AMT	QTY	AMT
	.2		.2

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY94 2 KITS
FY95 1 KIT
FY96 1 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
4/94	4/95	4/96	4/97	4/98	4/99	4/00

FY-96	FY-97	FY-98	FY-99	FY-00
3	4	1	4	2
2	1	2	1	3
1	1	1	1	4

DATE 02/21/95

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO MILSTAR UHF/EHF COMMAND POST UPGRADE, MN-3380 CLC E-4 CLASS P

MODELS OF AIRCRAFT AFFECTED E-4B

PE 33601F

DESCRIPTION/JUSTIFICATION: ADDS UHF & EHF PROCESSORS, MODEMS, POWER AMPLIFIERS INPUT/OUTPUT DEVICES & ANTENNAS TO COMMAND POST AIRCRAFT PREVIOUSLY EQUIPPED WITH AFSATCOM SATELLITE COMMUNICATIONS TERMINALS. MOD WILL TRANSITION THESE TERMINALS TO FULL MILSTAR CAPABILITY ON BOTH EHF & UHF. WILL ALLOW IMMEDIATE USE OF ON-ORBIT EHF TRANSPONDERS ON NAVY FLEET SATELLITES TO DISSEMINATE COMMAND MESSAGES IN A MORE JAM-RESISTANT MODE AND PERMIT THE USE OF MILSTAR SATELLITES IN AN EHF UPLINK/UHF DOWNLINK MODE.

DEVELOPMENT STATUS: COMPLETE. TERMINALS WILL BE PROCURED UNDER THE LOW RATE INITIAL PRODUCTION CONTRACT.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)		2.0		3.0								
PROCUREMENT (3010)												
INSTALL KITS	1	5.6			1							
KITS NONREC		2.8										
EQUIPMENT		24.6			(1)	3.0						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		1.3										
SPARES												
INSTALLATION OF HARDWARE												
FY93 1 KIT	(1)	.8			(3)	2.2						
FY95 3 KIT												
TOTAL INSTALL COST	1	.8			3	2.2						
TOTAL COST (BP-1100)	1	35.1			1	9.3						

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 36 MONTHS

FOLLOW-ON LEAD TIME -- 11 MONTHS

FACT SHEET; E-4 3380 MILSTAR UHF/EHF COMMAND POST UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

*** UNCLASSIFIED ***

TO COMP	QTY	AMT	TOTAL	QTY	AMT
					5.0
			2		5.6
					2.8
					27.6
					1.8
					.5
					3.1
					.8
			(1)		2.2
			(3)		3.0
			4		44.4
			2		

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

SPARES

INSTALLATION OF HARDWARE

FY93 .1 K.I.T

FY95 3 KIT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

MILESIONES:	FY-89	FY-90	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY) :	2/90	3/91	3/95		3/95	
DELIVERY-DATE (QTR/FY) :	2/93	3/93	3/96		4/96	

INSTALLATION SCHEDULE:

QUARTERS 1

INPUT

OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P
MODELS OF AIRCRAFT AFFECTED
PE 32015F

DESCRIPTION/JUSTIFICATION: THE BACKBONE COMMUNICATIONS BUSS PROVIDES THE CAPABILITY TO TRANSMIT AND RECEIVE CLASSIFIED AND UNCLASSIFIED VOICE, MESSAGE, DATA, AND VIDEO INFORMATION. THE BUSS IS COMPOSED OF FIBER OPTIC CABLES AND COMMUNICATIONS PORTS TO PROVIDE STATE-OF-THE-ART C3 SYSTEMS FOR ITS NATIONAL COMMAND AUTHORITY MISSION, THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND FUTURE CONVENTIONAL C3 MISSIONS.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN		PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD1&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

7.4

TOTAL INSTALL COST
TOTAL COST (BP-1100)

7.4

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 06 MONTHS
FOLLOW-ON LEAD TIME -- 06 MONTHS

FACT SHEET: E-4 3500 BACKBONE COMMUNICATIONS BUSS (CONTINUED)

TO COMP QTY AMT TOTAL QTY AMT

FY-99 QTY AMT FY-00 QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
 INSTALL KITS
 KITS NONRECUR
 EQUIPMENT
 EQUIP NONREC
 CHANGE ORDERS
 DATA
 SIM/TRAINER
 SUPPORT-EQUIP
 INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-95 FY-96

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO SHF SATCOM, MN-3501
MODELS OF AIRCRAFT AFFECTED
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P
PE 32015F

DESCRIPTION/JUSTIFICATION: SHF SATCOM PROVIDES THE CAPABILITY TO SUPPORT EIGHT CLEAR VOICE AND NINE
SECURE VOICE CIRCUITS. IT ADDS A DSCS FREQUENCY DIVISION MULTIPLE ACCESS (FDMA) CAPABILITY,
MODIFIES THE SPREAD SPECTRUM MODULATION EQUIPMENT, ADDS A STATE-OF-THE-ART MULTIPLEXER
CONFIGURATION, DSCS MODEM, LOW NOISE AMPLIFIERS, HIGH POWER AMPLIFIERS, AND OTHER SUPPORT
EQUIPMENT. THE INCREASED E-4 COMMUNICATIONS ABILITY WILL INCREASE OPERATING RANGE AND MISSION
FLEXIBILITY AS WELL AS SUPPORT THE SECDEF EXECUTIVE AIRLIFT REQUIREMENT.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN				PRIOR				FY-94				FY-95				FY-96				FY-97				FY-98			
				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

1	.5
(1)	2.2
1	.5
(1)	1.5
	.5
	.5
	.2

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2 5.9

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- MONTHS

FACT SHEET: E-4 3501 SHF SATCOM
PROJECTED FINANCIAL PLAN (CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-95

2/95

CONTRACT-DATE (QTR/FY):

DELIVERY-DATE (QTR/FY): 3/95

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

TO COMP TOTAL
QTY AMT QTY AMT

1 .5
2.2
1 .5
1.5
.5
.5
.2

5.9

2

*** UNCLASSIFIED ***

(CONTINUED)

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P
MODELS OF AIRCRAFT AFFECTED E-4A/B
PE 32015F

DESCRIPTION/JUSTIFICATION: THERE ARE NUMEROUS MISCELLANEOUS MODIFICATIONS (SERVICE BULLETINS) ANTICIPATED FOR INCORPORATION ON THE E-4 ACFT. THESE SERVICE BULLETINS AFFECT SAFETY, PRODUCT IMPROVEMENT, MAINTENANCE AND RELIABILITY. SERVICE BULLETINS ARE ISSUED TO CORRECT FAA IDENTIFIED DEFICIENCIES.

DEVELOPMENT STATUS: AS REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

4.5	1.8	1.9	.9	2.0
TOTAL INSTALL COST				
4.5	1.8	1.9	.9	2.0
TOTAL COST (BP-1100)				

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: E-4 99999S SERVICE BULLETINS
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

1.9 13.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

13.0

MILESTONES:

FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: H-1						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.096	\$0.0	\$6.160	\$5.462	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	

This line item funds modifications to the UH-1N aircraft. The two engine UH-1N is a light-lift, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

MODIFICATION OF AIRCRAFT

DATE	SYMBOL	DESCRIPTION	AMOUNT	STATUS	REMARKS
02/27/88		FY 1996 PRE MODIFICATION TITLE AND NO			
		FY 1996 PRE			
		NAVSTAR GPS. MN-3150			
		FY 1996 PROGRAM			
		APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE			
		CLASS P			
		CLC H-1			

MODELS OF AIRCRAFT AFFECTED

PE 11235F

DESCRIPTION/JUSTIFICATION: PROVIDES USER WITH GLOBAL POSITIONING WITH PIN POINT ACCURACY USING CONSTELLATION SATELLITES WITH WORLD-WIDE COVERAGE.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS					.62	1.9						
KITS NONRECUR					1	.7						
EQUIPMENT					(63)	5.5						
EQUIP NONREC												
CHANGE ORDERS												
DATA						.1						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF									(63)	2.3		
FY95 63 KITS												
TOTAL INSTALL COST									63	2.3		
TOTAL COST (BP-1100)					63	8.2						2.3

METHOD OF IMPLEMENTATION:		INSTALLATION	--	DEPOT/FIELD TEAM
		INITIAL LEAD TIME	--	15 MONTHS
		FOLLOW-ON LEAD TIME	--	15 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: H-1 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							62	1.9
KITS NONRECUR							1	.7
EQUIPMENT								5.5
EQUIP NONREC								
CHANGE ORDERS								.1
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY95 63 KITS					(	63)		2.3
TOTAL INSTALL COST							63	2.3
TOTAL COST (BP-1100)							63	10.5

MILESTONES:

FY-95	FY-97
-----	-----
CONTRACT-DATE (QTR/FY):	1/96
DELIVERY-DATE (QTR/FY):	2/97

INSTALLATION SCHEDULE:	FY-97	3	4
QUARTERS	2	15	16
INPUT	15	16	32
OUTPUT	15	16	32

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC H-1 CLASS P
 MODELS OF AIRCRAFT AFFECTED UH-1N HELICOPTERS
 PE 11235F

DESCRIPTION/JUSTIFICATION: MOD WILL REPLACE EXISTING MAIN DRIVESHAFT (MDS) WITH A PROVEN, NONLUBRICATED FLEXOR FAIL PASSIVE DESIGN MDS. MOD REQUIRES AN UPGRADE TO THE T400-CP-400 COMBINING GEARBOX (CGB) AS WELL AS MODIFIED ENGINE FIREWALLS. OVER THE PAST SEVERAL YEARS MILITARY HH/UH-1NS (AF/NAVY) HELICOPTERS HAVE EXPERIENCED RELATED CLASS A MISHAPS DIRECTLY ATTRIBUTABLE TO FAILURE OF THE MDS SPLINED COUPLING. BOTH SHAFT MISALIGNMENT AND LOSS OF LUBRICATION HAVE BEEN IDENTIFIED AS THE MOST PROBABLE CAUSE OF THESE FAILURES.

DEVELOPMENT STATUS: THE NAVY IS PRIMARY INVENTORY CONTROL AGENCY (PICA) FOR THE MDS AND ALL DESIGN ENGINEERING HAS BEEN ACCOMPLISHED BY THAT SERVICE. TRIAL INSTALL AND KIT PROOF IS ALSO BEING DONE BY THE NAVY.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A												

OCUREMENT (3010)												
INSTALL KITS							40	1.2	23			.7
KITS NONRECUR							1	*				
EQUIPMENT							(40)	3.1	(24)			1.8
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER								.1				
SUPPORT-EQUIP								*				
MOD OF SPARES							(20)	1.5				
INSTALLATION OF HARDWARE												
FY96 41 KITS									(41)			.4
FY97 23 KITS									(23)			.2

TOTAL INSTALL COST									64			.6

TOTAL COST (BP-1100)							41	5.9	23			3.1

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
 INITIAL LEAD TIME -- 12 MONTHS
 FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED ***

FACT SHEET; H-1 T8123 FLEXPLATE MAIN DRIVESHAFT
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----		-----	

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
INSTALL KITS	1		
KITS NONRECUR	1	4.9	4.9

EQUIPMENT

EQUIP NONREC
CHANGE ORDERS

DATA DATA .1 .1

SIM/TRAINER SUPPORT COUNTS

1. **CONTRACT**
 2. **NUMBER**
 3. **DATE**
 4. **TIME**
 5. **LOCATION**
 6. **STATUS**
 7. **REMARKS**
 8. **SIGNATURE**
 9. **DATE**
 10. **TIME**
 11. **LOCATION**
 12. **STATUS**
 13. **REMARKS**
 14. **SIGNATURE**
 15. **DATE**
 16. **TIME**
 17. **LOCATION**
 18. **STATUS**
 19. **REMARKS**
 20. **SIGNATURE**
 21. **DATE**
 22. **TIME**
 23. **LOCATION**
 24. **STATUS**
 25. **REMARKS**
 26. **SIGNATURE**
 27. **DATE**
 28. **TIME**
 29. **LOCATION**
 30. **STATUS**
 31. **REMARKS**
 32. **SIGNATURE**
 33. **DATE**
 34. **TIME**
 35. **LOCATION**
 36. **STATUS**
 37. **REMARKS**
 38. **SIGNATURE**
 39. **DATE**
 40. **TIME**
 41. **LOCATION**
 42. **STATUS**
 43. **REMARKS**
 44. **SIGNATURE**
 45. **DATE**
 46. **TIME**
 47. **LOCATION**
 48. **STATUS**
 49. **REMARKS**
 50. **SIGNATURE**
 51. **DATE**
 52. **TIME**
 53. **LOCATION**
 54. **STATUS**
 55. **REMARKS**
 56. **SIGNATURE**
 57. **DATE**
 58. **TIME**
 59. **LOCATION**
 60. **STATUS**
 61. **REMARKS**
 62. **SIGNATURE**
 63. **DATE**
 64. **TIME**
 65. **LOCATION**
 66. **STATUS**
 67. **REMARKS**
 68. **SIGNATURE**
 69. **DATE**
 70. **TIME**
 71. **LOCATION**
 72. **STATUS**
 73. **REMARKS**
 74. **SIGNATURE**
 75. **DATE**
 76. **TIME**
 77. **LOCATION**
 78. **STATUS**
 79. **REMARKS**
 80. **SIGNATURE**
 81. **DATE**
 82. **TIME**
 83. **LOCATION**
 84. **STATUS**
 85. **REMARKS**
 86. **SIGNATURE**
 87. **DATE**
 88. **TIME**
 89. **LOCATION**
 90. **STATUS**
 91. **REMARKS**
 92. **SIGNATURE**
 93. **DATE**
 94. **TIME**
 95. **LOCATION**
 96. **STATUS**
 97. **REMARKS**
 98. **SIGNATURE**
 99. **DATE**
 100. **TIME**
 101. **LOCATION**
 102. **STATUS**
 103. **REMARKS**
 104. **SIGNATURE**
 105. **DATE**
 106. **TIME**
 107. **LOCATION**
 108. **STATUS**
 109. **REMARKS**
 110. **SIGNATURE**
 111. **DATE**
 112. **TIME**
 113. **LOCATION**
 114. **STATUS**
 115. **REMARKS**
 116. **SIGNATURE**
 117. **DATE**
 118. **TIME**
 119. **LOCATION**
 120. **STATUS**
 121. **REMARKS**
 122. **SIGNATURE**
 123. **DATE**
 124. **TIME**
 125. **LOCATION**
 126. **STATUS**
 127. **REMARKS**
 128. **SIGNATURE**
 129. **DATE**
 130. **TIME**
 131. **LOCATION**
 132. **STATUS**
 133. **REMARKS**
 134. **SIGNATURE**
 135. **DATE**
 136. **TIME**
 137. **LOCATION**
 138. **STATUS**
 139. **REMARKS**
 140. **SIGNATURE**
 141. **DATE**
 142. **TIME**
 143. **LOCATION**
 144. **STATUS**
 145. **REMARKS**
 146. **SIGNATURE**
 147. **DATE**
 148. **TIME**
 149. **LOCATION**
 150. **STATUS**
 151. **REMARKS**
 152. **SIGNATURE**
 153. **DATE**
 154. **TIME**
 155. **LOCATION**
 156. **STATUS**
 157. **REMARKS**
 158. **SIGNATURE**
 159. **DATE**
 160. **TIME**
 161. **LOCATION**
 162. **STATUS**
 163. **REMARKS**
 164. **SIGNATURE**
 165. **DATE**
 166. **TIME**
 167. **LOCATION**
 168. **STATUS**
 169. **REMARKS**
 170. **SIGNATURE**
 171. **DATE**
 172. **TIME**
 173. **LOCATION**
 174. **STATUS**
 175. **REMARKS**
 176. **SIGNATURE**
 177. **DATE**
 178. **TIME**
 179. **LOCATION**
 180. **STATUS**
 181. **REMARKS**
 182. **SIGNATURE**
 183. **DATE**
 184. **TIME**
 185. **LOCATION**
 186. **STATUS**
 187. **REMARKS**
 188. **SIGNATURE**
 189. **DATE**
 190. **TIME**
 191. **LOCATION**
 192. **STATUS**
 193. **REMARKS**
 194. **SIGNATURE**
 195. **DATE**
 196. **TIME**
 197. **LOCATION**
 198. **STATUS**
 199. **REMARKS**
 200. **SIGNATURE**
 201. **DATE**
 202. **TIME**
 203. **LOCATION**
 204. **STATUS**
 205. **REMARKS**
 206. **SIGNATURE**
 207. **DATE**
 208. **TIME**
 209. **LOCATION**
 210. **STATUS**
 211. **REMARKS**
 212. **SIGNATURE**
 213. **DATE**
 214. **TIME**
 215. **LOCATION**
 216. **STATUS**
 217. **REMARKS**
 218. **SIGNATURE**
 219. **DATE**
 220. **TIME**
 221. **LOCATION**
 222. **STATUS**
 223. **REMARKS**
 224. **SIGNATURE**
 225. **DATE**
 226. **TIME**
 227. **LOCATION**
 228. **STATUS**
 229. **REMARKS**
 230. **SIGNATURE**
 231. **DATE**
 232. **TIME**
 233. **LOCATION**
 234. **STATUS**
 235. **REMARKS**
 236. **SIGNATURE**
 237. **DATE**
 238. **TIME**
 239. **LOCATION**
 240. **STATUS**
 241. **REMARKS**
 242. **SIGNATURE**
 243. **DATE**
 244. **TIME**
 245. **LOCATION**
 246. **STATUS**
 247. **REMARKS**
 248. **SIGNATURE**
 249. **DATE**
 250. **TIME**
 251. **LOCATION**
 252. **STATUS**
 253. **REMARKS**
 254. **SIGNATURE**
 255. **DATE**

INSTALLATION OF HARDWARE

FY96 41 KITS
FY96 41 KITS .2
FY96 41 KITS .23

FY97 23 KITS

TOTAL	INSTALI	COST	

64			64

	TOTAL	INSTALL	COST
64	9.0		
64	9.0		

TOTAL COST (BP-1100)

MILESTONES:

[illegible]

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

LATION SCHEDULE:		FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	
INPUT	16	16	16	16					
OUTPUT			16	16	16				

LATION SC	QUARTERS	INPUT	OUTPUT
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: H-60					
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$26.076	\$0.304	\$0.0	\$7.349	\$5.171	\$6.067	\$10.444	\$11.668		

This line item funds modifications to the MH-60 helicopter. The MH-60 is a twin engine, aerial refuelable helicopter capable of performing combat search and rescue missions day or night. The overall goal of the modifications budgeted in FY96 is to upgrade the defensive systems and provide enhanced communications. The specific modification budgeted and programmed is attached.

*** UNCLASSIFIED ***

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150
 MODELS OF AIRCRAFT AFFECTED HH-60G
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
 CLC MH-60 CLASS P
 PE 44102F

DESCRIPTION/JUSTIFICATION: UPGRADES RESCUE MH-60G PAVE HAWKS WITH NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) AND INTEGRATES GPS WITH A DIGITAL DOPPLER/INS NAV SUITE AND UPDATES SYSTEM WITH ENGINEERING CHANGE PROPOSAL (ECP) CMC-882-011. NAVSTAR GPS PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT.

DEVELOPMENT STATUS: ECP DEVELOPED BY CANADIAN MARCONI CORPORATION TO CORRECT THROUGHPUT AND MEMORY DEFICIENCIES IDENTIFIED DURING IDENTIFIED DURING NAVSTAR GPS QT&E/QT&E.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)		1.4										

PROCUREMENT (3010)												
INSTALL KITS	25	1.2										
KITS NONRECUR												
EQUIPMENT		6.9										
EQUIP NONREC												
CHANGE ORDERS					2.5	2.0						
DATA		.3			.2							
SIM/TRAINER		2.4										
SUPPORT-EQUIP												
SOFTWARE NONR					.3							
INSTALLATION OF HARDWARE												
FY90 15 KITS	(15)											
FY91 10 KITS	(10)	.6										

TOTAL INSTALL COST	25	.6										

TOTAL COST (BP-1100)	25	11.4			3.0	2.0						

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 00 MONTHS FOLLOW-ON LEAD TIME -- 02 MONTHS												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 00 MONTHS
 FOLLOW-ON LEAD TIME -- 02 MONTHS

FACT SHEET: MH-60 3150 NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----
							1.4
						25	1.2
							6.9
							4.5
							.5
							2.4
							.3
				(15)			.6
				(10)			.6
				25		25	16.4

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

DATA

SIM/TRAINER
SUPPORT-EQUIP
SOFTWARE NONR

INSTALLATION OF HARDWARE

FY90 15 KITS
FY91 10 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

FY-89 FY-90 FY-91 FY-92 FY-94 FY-95

FY-92 FY-93 FY-94 FY-95

*** UNCLASSIFIED ***

DATE 02/24/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

FY 1996 PRE
MODIFICATION TITLE AND NO DEFENSIVE SYSTEMS UPGRADE, MN-DSU
CLC MH-60 CLASS P

MODELS OF AIRCRAFT AFFECTED HH-60G

PE 44102F

DESCRIPTION/JUSTIFICATION: MODIFIES THE HH-60G DEFENSIVE SYSTEMS REQUIRED TO IMPROVE COMBAT RESCUE CAPABILITY IN AN INCREASED THREAT ENVIRONMENT. MODIFICATIONS INSTALL ENHANCED CHAFF FLARE DISPENSERS IN OPTIMIZED CONFIGURATION, MISSILE WARNING CAPABILITY, AND INTEGRATE THESE SYSTEMS WITH CURRENTLY INSTALLED AN/APR-39A(V)1 RADAR WARNING RECEIVER. SYSTEM WILL IMPROVE WEAPON SYST EM SURVIVABILITY BY PROVIDING AUTOMATED RESPONSE AS WELL AS MANUAL LAUNCH CAPABILITIES.

DEVELOPMENT STATUS: ENGINEERING INITIATED WITH PREVIOUS EFFORT. AIRFRAME INTEGRATION AND SYSTEM INTEGRATION AND SYSTEM INTEGRATION WITH EXISTING AN/APR-39(V)1 RADAR WARNING RECEIVER REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-95	FY-96	FY-97	FY-98	FY-99
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS			8	.6	5	.4	7	.5
KITS NONRECUR			(8)	2.1	(5)	1.4	(7)	1.9
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER						.5		.5
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE					(8)	.4	(5)	.3
FY97 8 KITS								
FY98 5 KITS								
FY99 7 KITS								
FY00 15 KITS								

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: MH-60 DSU DEFENSIVE SYSTEMS UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-00		FY-01		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS	15	1.1					35	2.6
KITS NONRECUR	(15)	4.0						9.4
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.0
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY97 8 KITS	(7)	.8	(15)	.8			(8)	.4
FY98 5 KITS							(5)	.3
FY99 7 KITS							(7)	.8
FY00 15 KITS							(15)	.8
TOTAL INSTALL COST	7	.8	15	.8			35	2.3
TOTAL COST (BP-1100)	15	5.9		.8			35	15.3

MILESTONES:

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
	----	----	----	----	----	----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-99
QUARTERS	1	2	3	4	1	2	3
INPUT							5
OUTPUT							5

INSTALLATION SCHEDULE:	FY-00	FY-01
QUARTERS	1	2
INPUT	4	5
OUTPUT	4	5

*** UNCLASSIFIED ***

DATE 02/24/95

FY 1996 PRE

MODIFICATION TITLE AND NO ENHANCED COMMUNICATIONS/NAVIGATION, MN-EC/N

MODELS OF AIRCRAFT AFFECTED HH-60G

PE 44102F

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE P
CLC MH-60 CLASS P

DESCRIPTION/JUSTIFICATION: MODIFIES THE HH-60G AN ENHANCED COMMUNICATIONS/NAVIGATION (EC/N) SYSTEM TO INCLUDE SATCOM, COCKPIT INTEGRATION AND NVG COMPATIBLE COCKPIT LIGHTING. EC/N WILL PROVIDE SATCOM COMMUNICATIONS CAPABILITY REQUIRED FOR INTEGRATION INTO THE MODERN BATTLEFIELD COMMAND, CONTROL, AND COMMUNICATIONS NETWORK. THE COCKPIT INTEGRATION PORTION OF THE MODIFICATION CORRECT HUMAN FACTORS DEFICIENCIES INHERENT IN THE ORIGINAL HH-60G GPS-NAVIGATION UPGRADES MODIFICATION. REQUIRED NVG COMPATIBLE LIGHTING WILL BE PROVIDED BY THE ELIMINATION OF UNLIGHTED COMM/NAV EQUIPMENT CONTROL HEADS WITH THE COCKPIT INTEGRATION EFFORT. ADDITIONALLY, NON-COMPATIBLE LIGHTED PANELS AND CONTROLS WILL BE MODIFIED TO COMPLY WITH NVIS SPEC A STDRD.

DEVELOPMENT STATUS: NO ENGINEERING COMPLETED AT THIS TIME. THE EC/N WILL INTEGRATE NEW SATCOM CAPABILITY AS WELL AS EXISTING COMM/NAV EQUIPMENT INTO HH-60G CONTROL DISPLAY UNITS VIA THE EXISTING 1553B DATA BUS ARCHITECTURE.

PROJECTED FINANCIAL PLAN

PRIOR			FY-95			FY-96			FY-97			FY-98			FY-99		
QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	

RD&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	8	.6	5	.4	7	.5
KITS NONRECUR	(8)	1.8	(5)	1.2	(7)	1.6
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER				.5		.5
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE			(8)	.4	(5)	.3
FY97 8 KITS						
FY98 5 KITS						
FY99 7 KITS						
FY00 15 KITS						

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

FACT SHEET: MH-60 EC/N ENHANCED COMMUNICATIONS/NAVIGATION
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-00		FY-01		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS	15	1.1			35	2.6
KITS NONRECUR	(15)	3.0				7.6
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						1.0
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY97 8 KITS	(7)	.4	(15)	.8	(8)	.4
FY98 5 KITS					(5)	.3
FY99 7 KITS					(7)	.4
FY00 15 KITS					(15)	.8
TOTAL INSTALL COST	7	.4	15	.8	35	1.9
TOTAL COST (BP-1100)	15	4.5		.8	35	13.1

RD1&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY97 8 KITS

FY98 5 KITS

FY99 7 KITS

FY00 15 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
QUARTERS	2	3	4	1	2	3
INPUT	4	4	4	4	4	4
OUTPUT	1	2	3	4	5	4

	FY-00	FY-01
QUARTERS	2	3
INPUT	4	5
OUTPUT	4	5

*** UNCLASSIFIED ***

DATE 02/24/95
FY 1996 PRE
MODIFICATION TITLE AND NO AN/AAQ-16B FLIR, MN-FLIR
MODELS OF AIRCRAFT AFFECTED HH-60G
DESCRIPTION/JUSTIFICATION: PURCHASES AN/AAQ-16 GROUP B REQUIRED TO EQUIP 25 HH-60GS WITH FLIR CAPABILITY.

DEVELOPMENT STATUS: THE HH-60G IS MODIFIED TO ACCEPT THE Q-16 FLIR WITH GPS-NAVIGATION UPGRADE MODIFICATION. NO ADDITIONAL DEVELOPMENT OR MODIFICATION REQUIRED.

PROJECTED FINANCIAL PLAN											
PRIOR	FY-95		FY-96		FY-97		FY-98		FY-99		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600) N/A											

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 6 MONTHS

FACT SHEET: MH-60 FLIR AN/AAQ-16B FLIR
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-00		FY-01		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A						
PROCUREMENT (3010)						
INSTALL KITS						
KITS NONRECUR			14	10.1	17	12.3
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
TOTAL INSTALL COST						
TOTAL COST (BP-1100)			14	10.1	17	12.3

MILESTONES:

FY-97	FY-98	FY-99	FY-00	FY-01
2/97				
4/97				

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
 QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HH-60G RETROFIT, MN-T8130
MODELS OF AIRCRAFT AFFECTED HH-60G
DESCRIPTION/JUSTIFICATION: TO MANUFACTURE GROUP A AND INSTALL -132 EQUIPMENT ON TEN 1981/82 MODEL AIRCRAFT AND PROCURE THREE OF GROUP B (7.62 MINIGUN PENTILE MOUNT, FEEDER DELINKERS, AND LIGHT AIRBORNE RECOVERY SYSTEM (LARS)). MANUFACTURE GROUP A AND INSTALL WR-ALC/LUH ECP 94-1 FOR LARS ON FOURTEEN 1988, EIGHT 1989, TWO 1990, FOUR 1991, AND TWO 1992 MODEL AIRCRAFT. MANUFACTURE AND INSTALL WR-ALC/LUH ECP 94-5 TO CORRECT HOIST SYSTEM DEFICIENCIES AND WR-ALC/LUH ECP 94-6 TO CORRECT NUMBER ONE VHF FM ANTENNA DEFICIENCIES.

DEVELOPMENT STATUS: GROUP B ALREADY PROCURED EXCEPT FOR FIFTEEN 7.62 PENTILE, FIFTY-SIX FEEDER DELINKERS, AND EIGHTEEN LARS. ENGINEERING IS COMPLETE ON WR-ALC/LUH ECPs 94-1, 94-5, AND 94-6.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS		72	3.7						
KITS NONRECUR		(72)	2.3						
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE		(37)	4.9 (35)		.3				
FY94 72 KITS		37	4.9	35	.3				
TOTAL INSTALL COST									
TOTAL COST (BP-1100)		72	11.0		.3				
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT									
INITIAL LEAD TIME -- 0 MONTHS		FOLLOW-ON LEAD TIME -- 2 MONTHS							

(CONTINUED)

FACT SHEET: MH-60 T8130 HH-60G RETROFIT
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							72	3.7
KITS NONRECUR								2.3
EQUIPMENT								
EQUIP NONREC								.1
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 72 KITS							(72)	5.2
TOTAL INSTALL COST							72	5.2
TOTAL COST (BP-1100)							72	11.3

MILESTONES:

	FY-94	FY-95
CONTRACT-DATE (QTR/FY):	1/94	
DELIVERY-DATE (QTR/FY):	1/94	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT	1	4	2	30
OUTPUT			31	23

FY-95	1	2	3	4
	20	15		
	23	18		

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO UHF SATCOM/ANDVT/DAMA, MN-T8136
MODELS OF AIRCRAFT AFFECTED HH-60G
DESCRIPTION/JUSTIFICATION: ACQUIRES PORTABLE AIRCRAFT UHF SATCOM SYSTEMS FOR USE ON THE HH-60G.
PROVIDES BEYOND-LINE-OF-SIGHT COMMUNICATIONS CAPABILITY REQUIRED FOR CONTINGENCY OPERATIONS.
GROUP B ONLY REQUIRED.

DEVELOPMENT STATUS: AIRCRAFT EQUIPPED WITH GROUP A.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A									

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST	
TOTAL COST (BP-1100)	20 4.6
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE	
INITIAL LEAD TIME -- 6 MONTHS	
FOLLOW-ON LEAD TIME -- 0 MONTHS	

*** UNCLASSIFIED ***

FACT SHEET: MH-60 T8136 UHF SATCOM/ANDVT/DAMA
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT

FY-99		FY-00	
QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

4/94

2/95

CONTRACT-DATE (QTR/FY):

DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO IMPROVED INTERCOM SYSTEM (ICS), MN-T8171
MODELS OF AIRCRAFT AFFECTED HH-60G
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P
PE 44102F

DESCRIPTION/JUSTIFICATION: MODIFIES THE HH-60G WITH AN IMPROVED ICS TO CORRECT DEFICIENCIES DURING INITIAL AIR FORCE UH-GOA FOT&E AND HH-60G QT&E/QOT&E. THE SYSTEM PROVIDES INCREASED VOLUME NECESSARY DURING SURVIVOR HOIST RECOVERIES AND WEAPONS FIRING. THE SYSTEM ALSO PROVIDES ADDITIONAL CAPABILITY TO ACCOMMODATE THE HH-60G COMMUNICATION SUITE.

DEVELOPMENT STATUS: ENGINEERING FOR THE IMPROVED ICS COMPLETE. THE SYSTEM IS IN OPERATIONAL USE ON AIR FORCE MH-60GS.

PROJECTED FINANCIAL PLAN	PRIOR		FY-94		FY-95		FY-96		FY-97		FY-98	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A												

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 2 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: MH-60 T8171 IMPROVED INTERCOM SYSTEM (ICS)
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

4/94
1/95

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: Other Aircraft						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$71.935	\$40.509	\$29.433	\$40.724	\$16.299	\$61.149	\$90.270	\$127.558		

This line item funds modifications that apply to multiple weapon systems and weapon systems funded at less than \$2 million per year. The overall goal of the modifications budgeted in FY 1996 is to enhance capability and improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
KC-10

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
MN-SIM-10
PE 41897F

DESCRIPTION/JUSTIFICATION: THIS MOD WILL REPLACE THE EXISTING COMPUTER IN THE KC-10 SIMULATORS WITH
NEW STATE-OF-THE-ART COMPUTERS. THE OLD COMPUTERS ARE SATURATED AND NEED TO BE REPLACED BEFORE
FUTURE AIRCRAFT CONCURRENT MODIFICATIONS CAN BE INCORPORATED.

DEVELOPMENT STATUS: NONE REQUIRED.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
3	2.1	2	2.0		

RDTE (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100) 3 2.1 2 2.0

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER SIM-10 SIMULATOR UPGRADE (KC-10)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----		-----		-----		-----	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

5 4.1

TOTAL INSTALL COST

TOTAL COST (BP-1100)

5 4.1

MILESTONES:

FY-92	FY-93	FY-94	FY-95	FY-96
-----	-----	-----	-----	-----
CONTRACT-DATE (QTR/FY): 4/94	4/94	4/94		
DELIVERY-DATE (QTR/FY): 4/95	4/95	4/95		

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO CARA, MN-10611C
MODELS OF AIRCRAFT AFFECTED MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING RADAR ALTITUDE ON A VARIETY OF AIRCRAFT WITH A NEW
STANDARD COMBINED ALTITUDE RADAR ALTITUDE WHICH HAS NOMINAL SPECIFICATION MEAN TIME BETWEEN
FAILURE (MTBF) OF 2000 HOURS. IT WILL BE A DIRECT REPLACEMENT ON ALL BUT THE C-130 AND A-7
AIRCRAFT, WHICH WILL REQUIRE DEPOT LEVEL WIRING CHANGES. EXISTING SYSTEMS HAVE LOW RELIABILITY
AND HIGH LOGISTICS SUPPORT COST. 90 MOD INSTALL (FY94: \$0.8).

DEVELOPMENT STATUS: ORGANIC DEPOT CAPABILITY IN DEVELOPMENT.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS	2.7								
KITS NONRECUR									
EQUIPMENT	121.3					120	.9	120	.9
EQUIP NONREC									
CHANGE ORDERS	.2					2	.5		.3
DATA	3.2								
SIM/TRAINER	3.4							103	1.3
SUPPORT-EQUIP	6.3								
ICS									
INSTALLATION OF HARDWARE									
FY90 322 KITS	(322)	.8							

TOTAL INSTALL COST 322 .8
TOTAL COST (BP-1100) 137.1 .8
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: OTHER 10611C CARA
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								2.7
KITS NONRECUR					240			123.1
EQUIPMENT								
EQUIP NONREC					2			4.0
CHANGE ORDERS								3.4
DATA								7.6
SIM/TRAINER					103			
SUPPORT-EQUIP								
ICS								
INSTALLATION OF HARDWARE								
FY90 322 KITS					(322)			.8
TOTAL INSTALL COST							322	.8
TOTAL COST (BP-1100)							345	141.8

MILESTONES:

CONTRACT-DATE (QTR/FY): 1/84
DELIVERY-DATE (QTR/FY): 4/90

	FY-84		FY-91		FY-92		FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		FY-99		FY-02	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:																						
QUARTERS	1		2		3		4		1		2		3		4		1		2		3	
INPUT	26	35	40	42	35	35	40	36	12	8	12	8	12	8	5							
OUTPUT	26	35	40	42	35	35	40	36														
INSTALLATION SCHEDULE:																						
QUARTERS	1		2		3		4		1		2		3		4		1		2		3	
INPUT	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6							
OUTPUT	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6							

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO APN-59E(V) RADAR IMP, MN-12619B
MODELS OF AIRCRAFT AFFECTED MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: PROVIDES THE FOLLOWING IMPROVEMENTS TO THE AN/APN-59E RADAR: (A) REDUCE THE HIGH RATE OF BURN SPOTS ON THE NAVIGATORS IF-239B INDICATOR, (B) ELIMINATE RANDOM HEADING MARKS (C) IMPROVE THE ANTENNA GIMBAL CAGE LATCHING MECHANISM, (D) REDUCE ANTENNA AZIMUTH MOTOR DRIVE TRANSISTOR FAILURE, (E) REDUCE MAGNETRON FAILURE, (F) REDUCE RECEIVER-TRANSMITTER THYRATRON FAILURE/FIRE POTENTIAL, (G) SUPPRESS TRANSIENT FAILURES ON 28 VOLT DC LINE, (H) MAKE MINOR CHANGES TO THE RECEIVER-TRANSMITTER TO REDUCE MAINTENANCE MAN-HOURS.

DEVELOPMENT STATUS: ECP APR 83. CCB APPVD. MAR 84. PMD AUG 85. SOLE SOURCE CONTRACT
APPROVED JULY 86. SPERRY HAS DATA RIGHTS.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	1398	5.2	100	.2		
KITS NONRECUR	6	1.9				

EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						

DATA		1.1				
------	--	-----	--	--	--	--

SIM/TRAINER						
-------------	--	--	--	--	--	--

SUPPORT-EQUIP		.2				
---------------	--	----	--	--	--	--

MOD OF SPARES		2.6				
---------------	--	-----	--	--	--	--

INSTALLATION OF HARDWARE

FY90 1948 KIT	(1948)				(100)	*
FY94 100 KITS						

TOTAL INSTALL COST

	1948	100				
--	------	-----	--	--	--	--

TOTAL COST (BP-1100) 1404 11.0 100 .2

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: OTHER 12619B APN-59E(V) RADAR IMP
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							1498	5.4
KITS NONRECUR							6	1.9
EQUIPMENT								
EQUIP NONREC								1.1
CHANGE ORDERS								.2
DATA								2.6
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY90 1948 KIT					(1948)			
FY94 100 KITS					(100)			
TOTAL INSTALL COST					2048			
TOTAL COST (BP-1100)					1504			11.2

MILESTONES:

FY-87 FY-94 FY-95

CONTRACT-DATE (QTR/FY): 3/87
DELIVERY-DATE (QTR/FY): 3/88

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT			5	94	75	130	130	130	130	130	130	130
OUTPUT			5	94	75	130	130	130	130	130	130	130

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT			130	130	130	130	130	130
OUTPUT			130	130	130	130	130	130

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO ALE-40 DEFICIENCIES, MN-13614B
MODELS OF AIRCRAFT AFFECTED MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: THE AN/ALE-40 HAS EXPERIENCED NUMEROUS FAILURES ATTRIBUTED TO VARIOUS LRUS IN THE SYSTEM. SOME OF THE LRUS ARE BEING MODIFIED BY WR-ALC, WHILE THE SEQUENCER SWITCH IS BEING REPLACED BY A DIGITAL SWITCH PROCURED BY ASC/RW. THESE EFFORTS WILL IMPROVE THE R8M OF THE ALE-40 TO AN ACCEPTABLE LEVEL. THE ALE-40 IS INSTALLED ON A-10, F-4, F-16, C-130, C-141 AND C-5.

DEVELOPMENT STATUS: MOD KIT INSTALLS STARTED APR93, PROD BASELINE FCA, PCA, FOR APR 93. FINAL DWG DEL JAN 94. (ANG-1370, ACTIVE-1532), EQUIP QTY SHOWN IS A/C SHIPSETS.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT
1934	1.3					
1	.1					
3.3						
4.4						
21.2						
(982)						
7.8 (400)						
2.7 (1673)						
10.6						

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
DIGITAL SEQ S
INSTALLATION OF HARDWARE
FY89 1 KITS
FY92 966 KITS
FY93 968 KITS

TOTAL INSTALL COST 1935 8.0

TOTAL COST (BP-1100) 1935 38.3

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: OTHER 13614B ALE-40 DEFICIENCIES
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							1934	1.3
EQUIPMENT							1	.1
EQUIP NONREC								
CHANGE ORDERS								3.3
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								4.4
MOD OF SPARES								42.3
DIGITAL SEQ S								
INSTALLATION OF HARDWARE								
FY89 1 KITS							(1)	
FY92 966 KITS							(966)	3.4
FY93 968 KITS							(968)	4.6
TOTAL INSTALL COST							1935	8.0
TOTAL COST (BP-1100)							1935	59.4

MILESTONES:

	FY-89	FY-90	FY-91	FY-92	FY-93	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	4/89			2/92	2/93			
DELIVERY-DATE (QTR/FY):	4/90			1/93	1/94			

INSTALLATION SCHEDULE:

QUARTERS
 INPUT
 OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODELS OF AIRCRAFT AFFECTED
MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: FAILURES OF CENTRIFUGAL SWITCHES, FUEL CONTROL DRIVE SHAFTS, PLENUM GASKETS, AND STARTER CLUTCHES HAVE ACCOUNTED FOR 13.807 MANHOURS OF UNSCHEDULED MAINTENANCE IN ONE YEAR. MOD TO THE GROUND POWER CART ENGINE WILL IMPROVE MEAN TIME BETWEEN FAILURE RATE BY 73%, INCREASE SERVICE LIFE, AND REDUCE MAINTENANCE AND LIFE CYCLE COSTS.

DEVELOPMENT STATUS: ECP JAN 85. CCB 20 MAY 85. KITPROOF ALREADY DONE ON ANOTHER MOD.

PROJECTED FINANCIAL PLAN
RDT&E (3600) N/A

	PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS	1082	8.5		406	1.8	
KITS NONRECUR	1	.1				
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY90 413 KITS	(413)					
FY91 309 KITS	(309)	.5				
FY92 361 KITS	(361)	.6				
FY96 406 KITS				(406)	.7	
TOTAL INSTALL COST	1083	1.1		406	.7	
TOTAL COST (BP-1100)	1083	9.7		406	1.8	.7

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 16 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER 14212B SUPPORT EQUIPMENT UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD8E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS							1488	10.3
--------------	--	--	--	--	--	--	------	------

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY90 413 KITS

FY91 309 KITS

FY92 361 KITS

FY96 406 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HF RADIO REPL/ARC190, MN-16620C
PE 72207F
MODELS OF AIRCRAFT AFFECTED MULTI

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION INSTALLS THE AN/ARC-190(V) HF SINGLE SIDE BAND (SSB) RADIO. ORIGINAL RADIOS DO NOT MEET THE CURRENT REQUIREMENTS FOR CHANNEL SPACING. FREQUENCY ACCURACY AND STABILITY AND PARKHILL COMPATIBILITY. THE ARC-123 AND AT-440 HAVE HIGH LOGISTICS SUPPORT COSTS BECAUSE OF UNRELIABLE TUBE EQUIPMENTS, LOW MEAN TIME BETWEEN DEMAND, AND OBSOLETE DESIGN ON MANY SUB-ASSEMBLIES. STANDARDIZATION OF HF RADIOS WILL PROVIDE SUBSTANTIAL LOGISTICS COST REDUCTION. INSTALLATION WILL BE O&I LEVEL.

DEVELOPMENT STATUS: INITIAL CONTRACT TO REPLACE THE B-52/KC-135 AN/ARC-65 AWARDED TO COLLINS RADIO, 13 JUNE 79.

PROJECTED FINANCIAL PLAN									
PRIOR									
QTY	AMT	FY-94	FY-95	FY-96	FY-97	FY-98	QTY	AMT	FY-98
		QTY	AMT	QTY	AMT	QTY			QTY
RD&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY90 198 KITS (198)									
TOTAL INSTALL COST 198.									
TOTAL COST (BP-1100) 1.0 3.6 2.3 .3 1.7 4.3									
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION									
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS									

FACT SHEET: OTHER 16620C HF RADIO REPL/ARC190
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR			(3)	.1				.1
EQUIPMENT	(540)	2.7	(140)	.7				14.0
EQUIP NONREC			(3)	*				
CHANGE ORDERS								
DATA		.3		.7				3.6
SIM/TRAINER								
SUPPORT-EQUIP				1.3		2.9		4.2
INSTALLATION OF HARDWARE								
FY90 198 KITS						(198)		
TOTAL INSTALL COST							198	
TOTAL COST (BP-1100)		3.0		2.8		2.9		21.9

MILESTONES:

	FY-90	FY-91	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01

CONTRACT-DATE (QTR/FY):
 DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:	FY-92									
QUARTERS	2	3								
INPUT	40	40	44	44	4	1	2	3	4	
OUTPUT	40	40	44	25						

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO MAU-12/40/50, MN-166308
MODELS OF AIRCRAFT AFFECTED MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: CURRENT INVENTORY OF BOMB RACKS WERE INTRODUCED IN THE EARLY 50'S AND
FEATURE 30 YEAR OLD TECHNOLOGY. A MAJOR PROBLEM WITH THE BOMB RACKS IS THE CURRENT GAS
CARTRIDGE SYSTEM WHICH, WHEN FIRED, LEAVES A RESIDUE IN THE GAS EJECTION. SYSTEM REQUIRES
DAILY CLEANING TO PREVENT INADVERTENT RELEASE PROBLEMS. AFTER 25 FIRINGS, RACKS ARE REMOVED
FROM AIRCRAFT FOR CLEANING, DEGRADING THE AIRCRAFT FROM 23 TO 86 HOURS. THIS REDUCES
SORTIE GENERATION AND COMBAT CAPABILITIES. IMPROVED BOMB RACKS REQUIRE CLEANING AFTER
100 FIRINGS AND REMAIN ON THE AIRCRAFT. ESTIMATED CLEANING TIME PER RACK IS .3 HOURS. THE
IMPROVED RACKS ELIMINATE AIRCRAFT DOWNTIME AND REDUCE MANHOURS REQUIRED TO CLEAN RACKS.

DEVELOPMENT STATUS: COMPLETE. CCB NOV 89. RACKS WILL BE MODIFIED AT FIELD LEVEL. MIP IFW860126.
ACFT AFFECTED: F-111, F-16, A-10, B-52 AND F-117.

PROJECTED FINANCIAL PLAN
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR 13.6 (3383 2.5
EQUIPMENT
EQUIP NONREC 1.0
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100) 14.6 2.5

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 09 MONTHS

FOLLOW-ON LEAD TIME -- 06 MONTHS

FACT SHEET: OTHER 16630B MAU-12/40/50
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----	-----	-----	-----

FY-99		FY-00	
QTY	AMT	QTY	AMT
-----	-----	-----	-----

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

16.1

1.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

17.1

MILESTONES:

	FY-90	FY-91	FY-92	FY-93	FY-94
CONTRACT-DATE (QTR/FY):	2/90	2/91	1/92	1/93	1/94
DELIVERY-DATE (QTR/FY):	4/90	4/91	3/92	3/93	3/94

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO AN/ALR-69 SYS IMPROVEMENT, MN-18615B
MODELS OF AIRCRAFT AFFECTED MULTI
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 72207F

DESCRIPTION/JUSTIFICATION: MOD INCLUDES CHANGES TO TWO DIFFERENT LRUS. MOD TO CM479 SIGNAL PRO-
CESSOR WILL CORRECT MEMORY SPACE DEFICIENCIES, INPUT/OUTPUT DEFICIENCIES, AND ADD MIL-STD-1553B
DATA BUS CAPABILITY. MOD TO C-10373 RECEIVER/CONTROLLER WILL CORRECT DEFICIENCIES IN SENSITIV-
ITY FOR PULSED RADAR THREATS AND IN MEMORY (BOTH RANDOM ACCESS AND PROGRAMMABLE READ ONLY).
THESE MODS WILL: 1) IMPROVE RELIABILITY DUE TO SIMPLIFICATION. 2) QUICK REPROGRAMMABILITY FOR
C10373, SAVING \$200K ANNUALLY. 3) MIL-STD-1553B COMPATIBILITY. 4) IMPROVED RESPONSE TO PULSED
RADAR TREATS. THIS IS A COMMODITY MOD.

DEVELOPMENT STATUS: ECP NOT REQUIRED. (CARD SWAPOUT ONLY). CCB JULY 90. ACFT: 1222 ACTIVE; 334
ANG; 126 AFRES. SOF: 154 COMPETITIVE.

PROJECTED FINANCIAL PLAN
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS									
KITS NONRECUR	868	12.6	615	6.6					
EQUIPMENT									
EQUIP NONREC		1.7		.1					
CHANGE ORDERS									
DATA									
SIM/TRAINER		2.7		2.0					
SUPPORT-EQUIP		3.8							
SOFTWARE		4.5	(268)	4.6	(558)	1.2			
MOD OF SPARES									
INSTALLATION OF HARDWARE									

TOTAL INSTALL COST

TOTAL COST (BP-1100) 868 25.3 615 11.3 3.2

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 7 MONTHS FOLLOW-ON LEAD TIME -- 7 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: OTHER 18615B AN/ALR-69 SYS IMPROVEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

				1483	19.2

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
SOFTWARE
MOD OF SPARES
INSTALLATION OF HARDWARE

1.8
2.0
2.7
3.8
10.3

TOTAL INSTALL COST

TOTAL COST (BP-1100)

1483 39.8

MILESTONES:

	FY-92	FY-93	FY-94	FY-95	FY-02
	-----	-----	-----	-----	-----
CONTRACT-DATE (QTR/FY):	3/92	4/93	1/94		1/00
DELIVERY-DATE (QTR/FY):	3/93	2/94	4/94		4/00

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO NAVSTAR GPS (C-26), MN-3150-C
MODELS OF AIRCRAFT AFFECTED C-26
PE 54314F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-
RESISTANT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO
IMPROVE MISSION EFFECTIVENESS.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 34 ANG: O ACTIVE.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY95 1 KITS
FY96 17 KITS
FY97 16 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

FACT SHEET: OTHER 3150-C NAVSTAR GPS (C-26)
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS					33	2.7		
KITS NONRECUR					1	1.2		
EQUIPMENT						1.9		
EQUIP NONREC						.1		
CHANGE ORDERS								
DATA								
SIM/TRAINER						4.7		
SUPPORT-EQUIP						.2		
INSTALLATION OF HARDWARE								
FY95 1 KITS	(1)	.1			(1)	.1		
FY96 17 KITS	(16)	1.9			(17)	1.7		
FY97 16 KITS					(16)	1.9		
TOTAL INSTALL COST	17	2.0			34	3.7		
TOTAL COST (BP-1100)		2.0		2.3		2.4	34	14.5

MILESTONES:

CONTRACT-DATE (QTR/FY): 2/95
 DELIVERY-DATE (QTR/FY): 2/96

INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
QUARTERS	1	2	3	4	1	2	3
INPUT	1	1	2	3	4	5	5
OUTPUT					5	5	5

INSTALLATION SCHEDULE:

QUARTERS	FY-00	1	2	3	4
INPUT	1	2	3	4	5
OUTPUT	2				5

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO A/B SINGGARS AJ COMM, MN-3429
MODELS OF AIRCRAFT AFFECTED MULTI
PE 27423F

DESCRIPTION/JUSTIFICATION: MODIFICATION INCORPORATES AIRBORNE SINGGARS UPGRADES. THE AIRBORNE SINGGARS WILL BE PLACED ON A REPACKAGED EXISTING VHF AJ RADIO, WHICH WILL BE A FORM FIT REPLACEMENT FOR THE CURRENT NON AJ ARC-186.

DEVELOPMENT STATUS: FSD CONTRACT AWARDED MAY 87; DT&E/IOT&E JAN-APR 89. FLT TEST JAN 89. QUALITY TESTING NOV 88-JUL 89.

PROJECTED FINANCIAL PLAN				FY-94				FY-95				FY-96				FY-97				FY-98			
PRIOR				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)					15.0		.5		.5		.5		.5		.5		.5		.5		.5		.5
PROCUREMENT (3010)																							
INSTALL KITS																							
KITS NONRECUR																							
EQUIPMENT				10	7.2	901	16.1	(90)	1.6	(90)	1.5												
EQUIP NONREC				1	15.1																		
CHANGE ORDERS																							
DATA																							
SIM/TRAINER					3.0		.6																
SUPPORT-EQUIP					1.9		1.7																
TOOLING																							
INSTALLATION OF HARDWARE																							

TOTAL INSTALL COST

TOTAL COST (BP-1100) 11 27.2 901 18.4 1.6 1.5

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

FACT SHEET: OTHER 3429 A/B SINGGARS AU COMM
PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

	FY-99	FY-00		TOTAL
	QTY	AMT	QTY	AMT
	-----	-----	-----	-----
				17.0

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	911	26.4
KITS NONRECUR		15.1
EQUIPMENT	1	
EQUIP NONREC		
CHANGE ORDERS		
DATA		3.6
SIM/TRAINER		1.9
		1.7

TOOLING INSTALLATION OF HARDWARE

TOTAL INSTALL COST

912 48.7

TOTAL COST (BP-1100)

MILESTONES:

MILESTONES:		FY-89	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-00
CONTRACT-DATE (QTR/FY):		1/90	1/92	4/92	1/93	1/94	1/95	1/96			
DELIVERY-DATE (QTR/FY):		3/91	3/92	1/94	3/94	3/95	3/96	3/97			

INSTALLATION SCHEDULE:

QUARTERS	INPUT	OUTPUT
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

DATE 02/21/95
 FY 1996 PRE
 MODIFICATION TITLE AND NO AERP, MN-3431
 MODIFICATION OF AIRCRAFT
 FY 1996 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC OTHER CLASS P
 PE 27593F

MODELS OF AIRCRAFT AFFECTED MULTI

DESCRIPTION/JUSTIFICATION: AIRCREW EYE/RESPIRATORY PROTECTION (AERP) IS REQUIRED FOR AN AIRCREW MEMBER TO OPERATE IN A CHEMICAL/BIOLOGICAL WARFARE ENVIRONMENT. THE AERP SYSTEM IS A COMBINATION OF THE INDIVIDUAL PROTECTIVE EQUIPMENT WORN BY THE AIRCREW MEMBER AND THE AIRCRAFT INTERFACES FOR OXYGEN, COMMUNICATIONS, AND ELECTRICAL TO WHICH THE AIRCREW MEMBER CONNECTS THE AERP FOR CHEMICAL/BIOLOGICAL PROTECTION. THIS PROGRAM MODIFIES THE AIRCRAFT'S OXYGEN, COMMUNICATIONS AND ELECTRICAL CONNECTIONS WHICH INTERFACE WITH THE AIRCREW MEMBER TO ACCEPT THE AERP SYSTEM. THIS IS A GROUP A ONLY MODIFICATION. DEPOT INSTALL THRU FY92. FIELD INSTALL FROM FY92 AND OUT, EXCEPT IN FY94. 40 MH53J KITS BEING INSTALLED WITH FY94, PLUS 1 TRIAL INSTALL IN FY94

DEVELOPMENT STATUS: FY88 PROCURES KC-135. FY89-90 PROCURES F-16, AC-130, B-52, C-130, H-53, B-1, C-9. FY91 AND OUT PROCURES FIGHTER/ATTACK, C-130, C-135, STRATEGIC BOMBER, OBSERVATION, HELICOPTER AND OPERATIONAL SUPPORT CATEGORY ACFT. UNIT COST VARIES BY ACFT TYPE.

PROJECTED FINANCIAL PLAN

QTY	AMT	FY-94		FY-95		FY-96		FY-97		FY-98	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS 838 6.8 1711 2.5

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY91 136 KITS (126) 1.4

FY94 40 KITS (40) .6

TOTAL INSTALL COST 126 1.4 40 .6

TOTAL COST (BP-1100) 838 8.2 1711 3.4

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 7 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; OTHER 3431 AERP
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							2549	9.3
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								.3
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY91 136 KITS					(	126)		1.4
FY94 40 KITS					(	40)		.6
TOTAL INSTALL COST						166		2.0
TOTAL COST (BP-1100)						2549		11.6

MILESTONES:

	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	2/91	1/92	1/93	1/94			
DELIVERY-DATE (QTR/FY):	4/92	1/93	1/94	1/95			

INSTALLATION SCHEDULE:

	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
QUARTERS	1	4	1	4	3	3	4
INPUT	2	15	26	25	4	12	12
OUTPUT	2	11	26	29	4	12	12

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO TACTICAL SECURE VOICE, MN-3495
MODELS OF AIRCRAFT AFFECTED MULTIPLE AIRCRAFT
PE 33140F

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: AIRBORNE PORTION OF TSV ADVANCED NARROWBAND DIGITAL VOICE TERMINAL
INCLUDE THE KYV-5 (HF NARROWBAND) AND KY-1000 (UHF SATCOM NARROWBAND). JCS MANDATES THE
REPLACEMENT OF KY-75 9CURRENT NARROWBAND SECURE DEVICE) WITH THE KYV-5. KY-75 HAS POOR VOICE
QUALITY AND IS NO LONGER LONGER LOGISTICALLY SUPPORTABLE. THE JCS MANDATED THROUGH MJCS-36-89
THAT UHF SATCOM WILL BE ANDVT COMPATIBLE BY THE END OF FY94 (EFFECTIVELY MANDATING UHF SATCOM
NARROWBAND VICE THE CURRENT WIDEBAND). PROVIDES MORE EFFICIENT USE OF SATELLITE BANDWIDTH.
PROMOTES INTEROPERABILITY. WITHOUT AIRTERM: JCS/J6 WILL PROBABLY DENY SATELLITE ACCESS TO
THESE TERMINALS: THE AF WILL NOT BE INTEROPERABLE WITH OTHER SERVICES.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

557 8.0

7.6

TOTAL INSTALL COST

TOTAL COST (BP-1100)

557 8.0

7.6

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER 3495 TACTICAL SECURE VOICE
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99	FY-00			
	QTY	AMT	QTY	AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94 FY-95

CONTRACT-DATE (QTR/FY): 2/94

DELIVERY-DATE (QTR/FY): 1/95

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
FLIGHT DATA RECORDER, MN-64201F
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
MODELS OF AIRCRAFT AFFECTED MH-53J
PE 44102F

DESCRIPTION/JUSTIFICATION: INSTALLS A SIGNAL DATA RECORDER (SDR) TO RECORD DATA FOR EITHER SAFETY
OR AIRCRAFT STRUCTURAL INTEGRITY PROGRAM (ASIP) APPLICATION. A CRASH SURVIVABLE FLIGHT DATA
MEMORY UNIT (FDMU) AND SUPPORTING HARDWARE TO COMPLETE THE SYSTEM. MODIFICATION PROVIDES A
CRASH SURVIVABLE FLIGHT DATA RECORDER SYSTEM TO SATISFY REQUIREMENTS STATED IN AFISC SON O1-79.
PMD 5249 (7).

DEVELOPMENT STATUS: MIPR: APR 94. CONTRACT AWARD SEP 94.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	40	.6			
KITS NONREC	(1)	.2			
EQUIPMENT	(41)	2.2			
EQUIP NONREC					
CHANGE ORDERS					
DATA		.1			
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
FY94 40 KITS	(40)	.4			

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 5 MONTHS

FACT SHEET; OTHER 64201F FLIGHT DATA RECORDER
 PROJECTED FINANCIAL PLAN (CONTINUED)

*** UNCLASSIFIED ***

(CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS							40	.6
KITS NONRECUR								.2
EQUIPMENT								2.2
EQUIP NONREC								
CHANGE ORDERS								.1
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY94 40 KITS					(	40)		.4
TOTAL INSTALL COST							40	.4
TOTAL COST (BP-1100)							40	3.5

MILESTONES:

	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	4/94			
DELIVERY-DATE (QTR/FY):	4/95			

INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97
QUARTERS	1	2	3
INPUT	1	9	9
OUTPUT	1	9	9

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO F-16 MANNED DESTRUCTIVE SEAD, MN-F16MDS
MODELS OF AIRCRAFT AFFECTED MULTI (F-16)
PE 27136F

DESCRIPTION/JUSTIFICATION: THE MANNED DESTRUCTIVE SUPPRESSION OF ENEMY AIR DEFENSES (SEAD)(MDS) PROVIDES HARM CARRIAGE AND RF TARGETING FOR THE F-16C AND F-16C. THE F-16 OPTION PROVIDES A SHORT AND MID-TERM SOLUTION FOR THE RETIRING F-4G WEASEL.

DEVELOPMENT STATUS: THE F-16 HARM TARGETING SYSTEM (HTS) IS CURRENTLY UNDERGOING OT&E.

PROJECTED FINANCIAL PLAN

PRIOR			FY-94			FY-95			FY-96			FY-97			FY-98		
QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
-----			-----			-----			-----			-----			-----		
			2.9						2.9						.6		
															.2		

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

3.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

3.0

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET; OTHER F16MDS F-16 MANNED DESTRUCTIVE SEAD
PROJECTED FINANCIAL PLAN (CONTINUED)

TO COMP		TOTAL	
QTY	AMT	QTY	AMT
-----	-----	-----	-----
	.3		4.4

FY-99		FY-00	
QTY	AMT	QTY	AMT
-----	-----	-----	-----
	.2		.2

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

3.0

TOTAL INSTALL COST

TOTAL COST (BP-1100)

3.0

MILESTONES:

FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
-----	-----	-----	-----	-----	-----

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
MODIFICATION OF AIRCRAFT AFFECTED
MULTI/C-141
PE 41897F

DESCRIPTION/JUSTIFICATION: UPGRADES 3 C-141 WEAPON SYSTEMS TRAINERS WITH NEW VISUAL SYSTEMS AND
DISPLAYS. THIS WILL ALLOW REALISTIC LOW ALTITUDE MANEUVERING INCLUDING CIRCLING AND STRAIGHT
IN APPROACH, LANDING, TAXI, TAKEOFF, TACTICAL VFR, EMERGENCY PROCEDURES, AND MISSED APPROACH
TRAINING.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIOR
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98
RD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST
TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 3 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER SIM141 SIMULATOR UPGRADE (C-141)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600) N/A								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL COST							3	6.8
TOTAL COST (BP-1100)							3	6.8

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 1/94
DELIVERY-DATE (QTR/FY): 1/94

INSTALLATION SCHEDULE:
QUARTERS 1 2 3 4
INPUT 3
OUTPUT 3

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO UHF SATCOM/ANDVT/DAMA, MN-18136
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 33606F

MODELS OF AIRCRAFT AFFECTED MULTI

DESCRIPTION/JUSTIFICATION: PROVIDES AFSOC AND AMC WITH UHF UPGRADES FOR JCS DIRECTED ANDVT AND DAMA
CAPABILITY. PROVIDES 400% CAPABILITY INCREASE IN SATELLITE COMMUNICATION. MODELS AFFECTED: HC
-130P/N, MH-60G, MC-130H, AC-130H, MC-130E, C-5, C-141, AC-130U, EC-130E. NOTE: CHANGED
MOD TITLE DURING POM SUBMISSION (FORMERLY UHF MILSATCOM/ARC-187(ANDVT AND UHF MILSATCOM/DAMA).
PE 33601F AND 33606F) TO NOW SHOW 33606F.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS	155	.3	.2	59	1.7	98	1.9		
KITS NONRECUR		.4	.7		1.5		3.9		1.1
EQUIPMENT	(155)	7.1	2.8	(59)	4.2	(98)	9.5	(34)	6.4
EQUIP NONREC		.8	3.4		2.1		.9		
CHANGE ORDERS									
DATA		1.9	2.0		1.6		4.0		1.1
SIM/TRAINER									
SUPPORT-EQUIP			2.2		1.5				
INSTALLATION OF HARDWARE									

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER T8136 UHF SATCOM/ANDVT/DAMA
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-99		FY-00		TO COMP	TOTAL	AMT
	QTY	AMT	QTY	AMT	QTY	QTY	AMT
RDT&E (3600) N/A							
PROCUREMENT (3010)							
INSTALL KITS					365		4.1
KITS NONRECUR							7.7
EQUIPMENT	41	8.0			41		38.0
EQUIP NONREC							7.2
CHANGE ORDERS							
DATA							10.7
SIM/TRAINER							
SUPPORT-EQUIP							3.7
INSTALLATION OF HARDWARE							
TOTAL INSTALL COST							
TOTAL COST (BP-1100)	41	8.2			406		71.4

MILESTONES:

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY):	3/94	2/95	2/96	2/97	2/98	2/99
DELIVERY-DATE (QTR/FY):	2/95	2/96	2/97	2/98	2/99	2/00

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO HF MODERNIZATION, MN-T8174
PE 72207F
MODELS OF AIRCRAFT AFFECTED C5,C141,KC10,KC135

DESCRIPTION/JUSTIFICATION: PROVIDES SIMPLE AIR TO GROUND CODED SIGNALING USED INTERNATIONALLY BY COMMERCIAL AVIATION AND CIVIL AIR TRAFFIC CONTROL STATIONS TO SELECTIVELY ALERT AIRCREW THAT A CALL IS BEING DIRECTED TO THEIR AIRCRAFT. REDUCES AIRCREW REQUIREMENT TO CONTINUOUSLY MONITOR HF RADIOS, GREATLY REDUCING AIRCREW FATIGUE.

DEVELOPMENT STATUS: DEVELOPMENT OF GROUP A - GROUP B IS COTS. MODELS AFFECTED: C-5, C-141, KC-10, C/KC-135.

PROJECTED FINANCIAL PLAN									
PRIOR		FY-94		FY-95		FY-96		FY-97	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									

TOTAL INSTALL COST
TOTAL COST (BP-1100)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: OTHER T8174 HF MODERNIZATION
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY):	1/95	1/96	1/97
DELIVERY-DATE (QTR/FY):	1/96	1/97	1/98

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

753	.8
7	6.0
	3.3
	.6

760 10.7

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: Classified Projects					
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$28.347	\$48.376	\$0.0	\$7.229	\$7.737	\$8.350	\$8.602	\$8.860		

This line item funds classified modifications to classified projects. The overall goal of the modifications budgeted in FY 1996 is classified. The specific modifications budgeted and programmed are attached.

DATE 02/21/95

FY 1996 PRE

MODIFICATION TITLE AND NO COMPASS CALL, MN-1001

MODELS OF AIRCRAFT AFFECTED MULTIPLE

PE 27253F

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE REQUIRED TO PROVIDE FOR THE MODIFICATION OF AIRCRAFT AND AIRBORNE SYSTEMS USED IN CLASSIFIED MISSIONS, WHICH BECAUSE OF THEIR SENSITIVE NATURE REQUIRE THE APPLICATION OF SPECIAL MANAGEMENT AND SECURITY SAFEGUARDS. SPECIAL JUSTIFICATIONS ARE PROVIDED THROUGH CLASSIFIED INTELLIGENCE CHANNELS.
THIS IS AN OAC 60 ACCOUNT.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PRIOR	FY-94	FY-95	FY-96	FY-97	FY-98
QTY	AMT	QTY	AMT	QTY	AMT
50.2	28.3	45.2	7.2	7.7	

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

CLASSIFIED

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 00 MONTHS

FOLLOW-ON LEAD TIME -- 00 MONTHS

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

CLC CLASSI CLASS P

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO
ADVANCED PROGRAM TECHNOLOGY, MN-1005
PE 27433F
MODELS OF AIRCRAFT AFFECTED
MULTIPLE
MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC CLASSI CLASS P

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE REQUIRED TO PROVIDE FOR THE MODIFICATION OF AIRCRAFT AND
AIRBORNE SYSTEMS USED IN CLASSIFIED MISSIONS, WHICH BECAUSE OF THEIR SENSITIVE NATURE REQUIRE
THE APPLICATION OF SPECIAL MANAGEMENT AND SECURITY SAFEGUARDS. SPECIAL JUSTIFICATIONS ARE
PROVIDED THROUGH CLASSIFIED INTELLIGENCE CHANNELS.
THIS IS AN OAC 60 ACCOUNT.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN
PRIORITY
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
FY-94 FY-95 FY-96 FY-97 FY-98
RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
CLASSIFIED
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 00 MONTHS
FOLLOW-ON LEAD TIME -- 00 MONTHS

FACT SHEET: CLASSI 1005
PROJECTED FINANCIAL PLAN

ADVANCED PROGRAM TECHNOLOGY
(CONTINUED)

(CONTINUED)

RDT&E (3600) N/A

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
CLASSIFIED
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-92 FY-93 FY-95

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:

QUARTERS
INPUT
OUTPUT

TO COMP TOTAL
QTY AMT QTY AMT

FY-99 FY-00
QTY AMT QTY AMT

7.6

7.6

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: DARP					FEBRUARY 1995
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (In Mil)	\$0.000	\$68.183	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

This line item funds classified modifications to the Defense Airborne Reconnaissance Program aircraft. The overall goal of the modifications budgeted in FY 1996 is classified. The specific modification budgeted and programmed is attached.

*** UNCLASSIFIED ***

DATE 02/21/95
FY 1996 PRE
MODIFICATION TITLE AND NO DEFENSE AIRBORNE RECONNAISSANCE OFFICE , MN-99999D CLC DARP CLASS P
MODELS OF AIRCRAFT AFFECTED RC-135 (RIVET JOINT) PE 35154F

DESCRIPTION/JUSTIFICATION: DOLLARS REPRESENT MODIFICATIONS TO AIRCRAFT AS MANAGED BY THE DEFENSE AIRBORNE RECONNAISSANCE OFFICE (DARO). \$3.1M IN FY95 FUNDS REPRESENT BASELINE DE-ENGINEING COSTS RESULTING FROM DARO TERMINATING BASELINES BEYOND BASELINE SIX. THE REMAINING DOLLARS ARE FUNDS SET ASIDE BY CONGRESS (PBD 632) TO FOR SR-71 AIRCRAFT. REQUIREMENTS IN DEVELOPMENT.

DEVELOPMENT STATUS: NONE REQUIRED.

PROJECTED FINANCIAL PLAN				FY-94				FY-95				FY-96				FY-97				FY-98			
PRIOR				QTY				QTY				QTY				QTY				QTY			
QTY				AMT				AMT				AMT				AMT				AMT			
RDT&E (3600)				N/A																			

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
DE-ENGINEING
INSTALLATION OF HARDWARE

68.2

TOTAL INSTALL COST

TOTAL COST (BP-1100)

68.2

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: DARP 99999D DEFENSE AIRBORNE RECONNAISSANCE OFFICE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-99		FY-00		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
DE-ENGINEING
INSTALLATION OF HARDWARE

68.2

TOTAL INSTALL COST

TOTAL COST (BP-1100)

68.2

MILESTONES:

FY-95

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT